

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085007.D
 Acq On : 22 Nov 2024 12:10
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 01:59:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 01:56:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	168636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	283685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	44399	18.483	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	36.960%#
35) Dibromofluoromethane	8.159	113	35327	18.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	36.940%#
50) Toluene-d8	10.565	98	130719	19.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	38.140%#
62) 4-Bromofluorobenzene	12.847	95	48193	18.797	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	37.600%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	38229	20.048	ug/l	99
3) Chloromethane	2.359	50	40404	18.269	ug/l	91
4) Vinyl Chloride	2.512	62	39070	19.658	ug/l	94
5) Bromomethane	2.900	94	22076	19.817	ug/l	98
6) Chloroethane	3.071	64	25643	19.141	ug/l	98
7) Trichlorofluoromethane	3.471	101	67785	20.049	ug/l	94
8) Diethyl Ether	3.953	74	23514	20.434	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.359	101	38412	20.031	ug/l	99
10) Methyl Iodide	4.571	142	52498	20.683	ug/l	98
11) Tert butyl alcohol	5.536	59	30735	95.749	ug/l #	85
12) 1,1-Dichloroethene	4.330	96	36027	20.128	ug/l	97
13) Acrolein	4.177	56	20478	95.606	ug/l	96
14) Allyl chloride	5.006	41	59110	19.590	ug/l	99
15) Acrylonitrile	5.712	53	89152	98.100	ug/l	99
16) Acetone	4.430	43	69534	99.393	ug/l	96
17) Carbon Disulfide	4.694	76	103559	19.602	ug/l	96
18) Methyl Acetate	5.018	43	46954	20.318	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	119013	20.350	ug/l	98
20) Methylene Chloride	5.265	84	41741	19.553	ug/l	89
21) trans-1,2-Dichloroethene	5.777	96	38088	20.221	ug/l	98
22) Diisopropyl ether	6.665	45	122443	20.162	ug/l	99
23) Vinyl Acetate	6.594	43	431313	102.948	ug/l	99
24) 1,1-Dichloroethane	6.559	63	73105	20.116	ug/l	98
25) 2-Butanone	7.482	43	114635	100.226	ug/l	99
26) 2,2-Dichloropropane	7.482	77	66230	19.517	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	45307	19.953	ug/l	99
28) Bromochloromethane	7.806	49	27564	20.092	ug/l	99
29) Tetrahydrofuran	7.835	42	71566	100.618	ug/l	99
30) Chloroform	7.953	83	74495	19.270	ug/l	94
31) Cyclohexane	8.247	56	63521	19.852	ug/l	96
32) 1,1,1-Trichloroethane	8.159	97	68908	19.725	ug/l	97
36) 1,1-Dichloropropene	8.365	75	51535	19.888	ug/l	98
37) Ethyl Acetate	7.559	43	48436	20.561	ug/l	99
38) Carbon Tetrachloride	8.359	117	61594	20.593	ug/l	97
39) Methylcyclohexane	9.600	83	55102	20.464	ug/l	98
40) Benzene	8.600	78	163727	19.977	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085007.D
 Acq On : 22 Nov 2024 12:10
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 23 01:59:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 01:56:57 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26011	19.942	ug/l	99
42) 1,2-Dichloroethane	8.665	62	56374	20.106	ug/l	99
43) Isopropyl Acetate	8.682	43	88647	18.116	ug/l	98
44) Trichloroethene	9.347	130	38334	20.127	ug/l	96
45) 1,2-Dichloropropane	9.618	63	39852	19.742	ug/l	96
46) Dibromomethane	9.706	93	28140	20.062	ug/l	98
47) Bromodichloromethane	9.882	83	59008	19.849	ug/l	97
48) Methyl methacrylate	9.676	41	36687	20.148	ug/l	98
49) 1,4-Dioxane	9.694	88	12977	410.958	ug/l #	89
51) 4-Methyl-2-Pentanone	10.441	43	230239	103.015	ug/l	99
52) Toluene	10.629	92	100021	20.615	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	61215	20.539	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	64823	20.501	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	36732	20.326	ug/l	96
56) Ethyl methacrylate	10.871	69	55691	21.089	ug/l	98
57) 1,3-Dichloropropane	11.159	76	63314	19.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	137602	106.227	ug/l	100
59) 2-Hexanone	11.194	43	179717	107.514	ug/l	99
60) Dibromochloromethane	11.353	129	44450	20.126	ug/l	97
61) 1,2-Dibromoethane	11.465	107	37228	19.905	ug/l	99
64) Tetrachloroethene	11.100	164	32716	20.155	ug/l	93
65) Chlorobenzene	11.888	112	108255	19.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	37404	19.446	ug/l	98
67) Ethyl Benzene	11.959	91	181169	20.440	ug/l	98
68) m/p-Xylenes	12.070	106	141133	41.824	ug/l	99
69) o-Xylene	12.394	106	66013	20.565	ug/l	97
70) Styrene	12.406	104	113503	21.263	ug/l	99
71) Bromoform	12.576	173	28783	20.159	ug/l #	98
73) Isopropylbenzene	12.694	105	168631	20.438	ug/l	100
74) N-amyl acetate	12.494	43	72208	21.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	53889	19.127	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	43650m	19.951	ug/l	
77) Bromobenzene	12.976	156	43298	19.500	ug/l	99
78) n-propylbenzene	13.035	91	196551	20.653	ug/l	99
79) 2-Chlorotoluene	13.123	91	128714	20.261	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	145726	21.048	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18860	20.144	ug/l	99
82) 4-Chlorotoluene	13.217	91	133131	20.131	ug/l	99
83) tert-Butylbenzene	13.435	119	121188	20.344	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	149479	20.974	ug/l	99
85) sec-Butylbenzene	13.611	105	168068	20.885	ug/l	100
86) p-Isopropyltoluene	13.729	119	143841	21.653	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83500	19.066	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	85098	19.041	ug/l	99
89) n-Butylbenzene	14.053	91	122257	19.790	ug/l	100
90) Hexachloroethane	14.329	117	27899	19.267	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	82164	19.579	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10633	19.517	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	44383	19.467	ug/l	98
94) Hexachlorobutadiene	15.500	225	20642	19.618	ug/l	95
95) Naphthalene	15.641	128	132816	20.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	44145	20.293	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
Data File : VN085007.D
Acq On : 22 Nov 2024 12:10
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 01:59:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 01:56:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112224\
 Data File : VN085007.D
 Acq On : 22 Nov 2024 12:10
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Manual Integrations

APPROVED

Reviewed By : John Carlone 11/25/2024

Supervised By : Mahesh Dadoda 11/25/2024

Quant Time: Nov 23 01:59:25 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M

Quant Title : SW846 8260

QLast Update : Sat Nov 23 01:56:57 2024

Response via : Initial Calibration

