

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084813.D
 Acq On : 12 Nov 2024 22:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 02:39:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	172090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	253478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138172	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	105514	42.451	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.900%
35) Dibromofluoromethane	8.165	113	84936	43.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.140%
50) Toluene-d8	10.565	98	310882	43.297	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.600%
62) 4-Bromofluorobenzene	12.847	95	132413	49.343	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.118	85	90130	45.559	ug/l	94
3) Chloromethane	2.359	50	98063	41.832	ug/l	97
4) Vinyl Chloride	2.512	62	108330	50.912	ug/l	99
5) Bromomethane	2.900	94	55659	49.371	ug/l	98
6) Chloroethane	3.065	64	68801	52.300	ug/l	98
7) Trichlorofluoromethane	3.465	101	168155	47.975	ug/l	98
8) Diethyl Ether	3.953	74	60014	48.538	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.347	101	94566	47.747	ug/l	97
10) Methyl Iodide	4.577	142	136221	51.462	ug/l	96
11) Tert butyl alcohol	5.547	59	83698	255.109	ug/l	100
12) 1,1-Dichloroethene	4.324	96	91115	46.493	ug/l	94
13) Acrolein	4.171	56	79251	242.240	ug/l	96
14) Allyl chloride	5.012	41	149704	47.103	ug/l	92
15) Acrylonitrile	5.718	53	240749	253.474	ug/l	99
16) Acetone	4.424	43	189024	263.423	ug/l	93
17) Carbon Disulfide	4.694	76	260011	43.083	ug/l	99
18) Methyl Acetate	5.018	43	124185	47.120	ug/l	96
19) Methyl tert-butyl Ether	5.788	73	312664	52.052	ug/l	98
20) Methylene Chloride	5.265	84	103922	47.538	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	93345	46.387	ug/l	98
22) Diisopropyl ether	6.665	45	302873	47.960	ug/l	98
23) Vinyl Acetate	6.594	43	1109027	254.656	ug/l	98
24) 1,1-Dichloroethane	6.559	63	181399	47.844	ug/l	98
25) 2-Butanone	7.476	43	300051	258.755	ug/l	97
26) 2,2-Dichloropropane	7.482	77	140899	42.697	ug/l	96
27) cis-1,2-Dichloroethene	7.482	96	114771	48.845	ug/l	95
28) Bromochloromethane	7.812	49	74699	49.451	ug/l	89
29) Tetrahydrofuran	7.835	42	198396	257.894	ug/l	93
30) Chloroform	7.965	83	189710	49.160	ug/l	97
31) Cyclohexane	8.247	56	158906	46.307	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	177479	50.529	ug/l	97
36) 1,1-Dichloropropene	8.365	75	128286	47.455	ug/l	99
37) Ethyl Acetate	7.553	43	125746	51.268	ug/l	97
38) Carbon Tetrachloride	8.359	117	152079	50.330	ug/l	97
39) Methylcyclohexane	9.600	83	144939	52.702	ug/l	100
40) Benzene	8.600	78	418110	48.160	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084813.D
 Acq On : 12 Nov 2024 22:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 13 02:39:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2024
 Supervised By : Mahesh Dadoda 11/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	69677	52.827	ug/l	95
42) 1,2-Dichloroethane	8.665	62	136813	48.660	ug/l	99
43) Isopropyl Acetate	8.688	43	225055	49.661	ug/l	99
44) Trichloroethene	9.347	130	96787	48.340	ug/l	93
45) 1,2-Dichloropropane	9.618	63	99110	48.666	ug/l	100
46) Dibromomethane	9.706	93	69842	48.601	ug/l	97
47) Bromodichloromethane	9.882	83	147607	48.728	ug/l	93
48) Methyl methacrylate	9.676	41	102068	53.470	ug/l	97
49) 1,4-Dioxane	9.694	88	37426	1106.413	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	632857	270.664	ug/l	98
52) Toluene	10.629	92	259485	51.105	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	147706	47.107	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	160136	48.253	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	94080	49.189	ug/l	96
56) Ethyl methacrylate	10.870	69	154609	55.886	ug/l	95
57) 1,3-Dichloropropane	11.159	76	164051	49.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	344521	266.133	ug/l	97
59) 2-Hexanone	11.194	43	468623	275.351	ug/l	96
60) Dibromochloromethane	11.359	129	112872	51.781	ug/l	99
61) 1,2-Dibromoethane	11.470	107	97027	49.539	ug/l	100
64) Tetrachloroethene	11.100	164	84307	50.003	ug/l	98
65) Chlorobenzene	11.888	112	273383	48.209	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	99324	50.355	ug/l	97
67) Ethyl Benzene	11.959	91	486986	51.447	ug/l	98
68) m/p-Xylenes	12.070	106	368973	102.961	ug/l	99
69) o-Xylene	12.394	106	179562	53.562	ug/l	100
70) Styrene	12.406	104	304280	52.031	ug/l	99
71) Bromoform	12.576	173	77509	52.222	ug/l #	97
73) Isopropylbenzene	12.694	105	460924	47.603	ug/l	100
74) N-amyl acetate	12.494	43	193590	46.975	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	143503	44.401	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	113281m	41.014	ug/l	
77) Bromobenzene	12.976	156	110212	42.340	ug/l	94
78) n-propylbenzene	13.035	91	518656	45.711	ug/l	98
79) 2-Chlorotoluene	13.123	91	332575	44.858	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	392969	48.967	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	48859	41.967	ug/l	99
82) 4-Chlorotoluene	13.217	91	328776	42.138	ug/l	98
83) tert-Butylbenzene	13.435	119	328866	49.514	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	400528	48.356	ug/l	99
85) sec-Butylbenzene	13.611	105	446198	47.559	ug/l	100
86) p-Isopropyltoluene	13.729	119	382105	49.660	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	204226	40.202	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	205910	44.025	ug/l	99
89) n-Butylbenzene	14.053	91	309990	43.069	ug/l	99
90) Hexachloroethane	14.329	117	72832	42.445	ug/l	95
91) 1,2-Dichlorobenzene	14.105	146	203932	41.776	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27708	42.318	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	101891	38.134	ug/l	99
94) Hexachlorobutadiene	15.494	225	46554	39.676	ug/l	99
95) Naphthalene	15.641	128	348135	43.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	102835	39.648	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
Data File : VN084813.D
Acq On : 12 Nov 2024 22:02
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/13/2024
Supervised By :Mahesh Dadoda 11/13/2024

Quant Time: Nov 13 02:39:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

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

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

