

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080482.D
 Acq On : 14 Dec 2023 14:47
 Operator : JC\MD
 Sample : VN1214WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 00:27:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	223668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	364763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168459	58.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.940%			
35) Dibromofluoromethane	8.165	113	123370	53.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.680%			
50) Toluene-d8	10.565	98	430054	49.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.720%			
62) 4-Bromofluorobenzene	12.847	95	157787	48.175	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.360%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	51176	17.904	ug/l	99
3) Chloromethane	2.365	50	51759	17.028	ug/l	98
4) Vinyl Chloride	2.518	62	40154	16.450	ug/l	100
5) Bromomethane	2.959	94	20358	18.498	ug/l	95
6) Chloroethane	3.124	64	26025	16.592	ug/l	96
7) Trichlorofluoromethane	3.500	101	87139	17.600	ug/l	99
8) Diethyl Ether	3.953	74	31047	19.909	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	42264	18.010	ug/l	95
10) Methyl Iodide	4.589	142	32257	15.628	ug/l #	87
11) Tert butyl alcohol	5.506	59	33643	99.995	ug/l #	84
12) 1,1-Dichloroethene	4.342	96	41497	17.258	ug/l	98
13) Acrolein	4.177	56	35309	95.830	ug/l	100
14) Allyl chloride	5.024	41	52944	17.797	ug/l	94
15) Acrylonitrile	5.712	53	98517	103.631	ug/l	99
16) Acetone	4.418	43	68196	134.632	ug/l	100
17) Carbon Disulfide	4.712	76	109706	16.099	ug/l	96
18) Methyl Acetate	5.018	43	66810	20.498	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	163958	20.438	ug/l	99
20) Methylene Chloride	5.271	84	51962	19.169	ug/l #	90
21) trans-1,2-Dichloroethene	5.777	96	47151	18.085	ug/l	98
22) Diisopropyl ether	6.665	45	130209	20.279	ug/l	96
23) Vinyl Acetate	6.594	43	356784	96.750	ug/l	95
24) 1,1-Dichloroethane	6.565	63	87835	19.607	ug/l	99
25) 2-Butanone	7.477	43	107895	110.571	ug/l	95
26) 2,2-Dichloropropane	7.488	77	82306	17.968	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	57472	19.474	ug/l	91
28) Bromochloromethane	7.812	49	34441	20.024	ug/l #	5
29) Tetrahydrofuran	7.830	42	70347	100.675	ug/l	95
30) Chloroform	7.965	83	101405	20.393	ug/l	97
31) Cyclohexane	8.253	56	62813	16.169	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	91329	18.758	ug/l	96
36) 1,1-Dichloropropene	8.371	75	67232	17.779	ug/l	95
37) Ethyl Acetate	7.559	43	46146	19.488	ug/l	99
38) Carbon Tetrachloride	8.359	117	81995	18.147	ug/l	96
39) Methylcyclohexane	9.600	83	58857	14.983	ug/l	93
40) Benzene	8.606	78	206368	18.899	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080482.D
 Acq On : 14 Dec 2023 14:47
 Operator : JC\MD
 Sample : VN1214WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2023
 Supervised By : Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 00:27:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28202	20.658	ug/l	94
42) 1,2-Dichloroethane	8.671	62	84616	20.926	ug/l	96
43) Isopropyl Acetate	8.688	43	82538	19.386	ug/l	98
44) Trichloroethene	9.353	130	52138	17.711	ug/l	96
45) 1,2-Dichloropropane	9.624	63	48688	18.984	ug/l	97
46) Dibromomethane	9.712	93	36916	20.043	ug/l	89
47) Bromodichloromethane	9.888	83	80852	20.483	ug/l #	99
48) Methyl methacrylate	9.682	41	48147	18.950	ug/l	92
49) 1,4-Dioxane	9.694	88	14540	377.549	ug/l #	84
51) 4-Methyl-2-Pentanone	10.441	43	230954	98.493	ug/l	99
52) Toluene	10.629	92	126155	18.288	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	84759	19.846	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	87507	19.170	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	49680	20.015	ug/l	97
56) Ethyl methacrylate	10.876	69	52091	18.955	ug/l	93
57) 1,3-Dichloropropane	11.165	76	87220	20.045	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	197140	113.634	ug/l	97
59) 2-Hexanone	11.194	43	166531	96.199	ug/l	100
60) Dibromochloromethane	11.359	129	59104	20.095	ug/l	98
61) 1,2-Dibromoethane	11.471	107	48860	19.019	ug/l	99
64) Tetrachloroethene	11.106	164	44007	17.368	ug/l	95
65) Chlorobenzene	11.894	112	131946	18.074	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	54658	19.081	ug/l	95
67) Ethyl Benzene	11.965	91	231657	17.258	ug/l	97
68) m/p-Xylenes	12.071	106	173820	35.043	ug/l	88
69) o-Xylene	12.400	106	85501	17.623	ug/l	91
70) Styrene	12.412	104	126411	18.089	ug/l	93
71) Bromoform	12.582	173	39260	18.794	ug/l #	98
73) Isopropylbenzene	12.700	105	211646	17.684	ug/l	97
74) N-amyl acetate	12.494	43	63116	18.060	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	61205	19.085	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	56079m	18.869	ug/l	
77) Bromobenzene	12.982	156	56311	19.127	ug/l	95
78) n-propylbenzene	13.035	91	235202	17.825	ug/l	99
79) 2-Chlorotoluene	13.123	91	155798	18.085	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	183697	17.822	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19980	17.651	ug/l	86
82) 4-Chlorotoluene	13.223	91	160033	18.073	ug/l	97
83) tert-Butylbenzene	13.441	119	145616	17.250	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	191549	18.680	ug/l	95
85) sec-Butylbenzene	13.617	105	183832	17.024	ug/l	99
86) p-Isopropyltoluene	13.729	119	168060	17.237	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	94590	18.235	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	94893	18.123	ug/l	98
89) n-Butylbenzene	14.059	91	130073	15.975	ug/l	98
90) Hexachloroethane	14.335	117	26996	17.434	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	93883	19.060	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13913	20.625	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	49808	18.213	ug/l	96
94) Hexachlorobutadiene	15.500	225	25082	16.110	ug/l	99
95) Naphthalene	15.641	128	150699	18.147	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	49522	18.765	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
Data File : VN080482.D
Acq On : 14 Dec 2023 14:47
Operator : JC\MD
Sample : VN1214WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2023
Supervised By :Mahesh Dadoda 12/15/2023

Quant Time: Dec 15 00:27:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

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

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

