

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069487.D
 Acq On : 15 Nov 2021 12:42
 Operator : JC/MD
 Sample : VN1115WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:48:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1051216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1713291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1568742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	649409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	774849	50.836	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.680%			
35) Dibromofluoromethane	8.021	113	542578	52.803	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.600%			
50) Toluene-d8	10.441	98	2072019	51.270	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.540%			
62) 4-Bromofluorobenzene	12.731	95	730936	49.233	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	219705	19.563	ug/l	100
3) Chloromethane	2.303	50	234075	17.972	ug/l	97
4) Vinyl Chloride	2.448	62	234355	17.970	ug/l	99
5) Bromomethane	2.859	94	147551	17.421	ug/l	99
6) Chloroethane	3.022	64	151500	17.211	ug/l	96
7) Trichlorofluoromethane	3.379	101	360048	17.864	ug/l	100
8) Diethyl Ether	3.824	74	127918	19.616	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.210	101	182766	19.250	ug/l	94
10) Methyl Iodide	4.422	142	221043	18.982	ug/l	97
11) Tert butyl alcohol	5.372	59	254178	92.544	ug/l	97
12) 1,1-Dichloroethene	4.181	96	159563	18.728	ug/l	89
13) Acrolein	4.044	56	25381	60.239	ug/l	94
14) Allyl chloride	4.841	41	355711	18.883	ug/l	95
15) Acrylonitrile	5.554	53	680093	96.694	ug/l	97
16) Acetone	4.288	43	771969	93.871	ug/l	97
17) Carbon Disulfide	4.529	76	325474	16.161	ug/l	98
18) Methyl Acetate	4.857	43	500151	18.709	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	736337	20.421	ug/l	98
20) Methylene Chloride	5.095	84	219734	18.843	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	179993	18.914	ug/l	88
22) Diisopropyl ether	6.495	45	827739	20.399	ug/l	95
23) Vinyl Acetate	6.434	43	3144418	100.192	ug/l	95
24) 1,1-Dichloroethane	6.388	63	407047	19.695	ug/l	98
25) 2-Butanone	7.335	43	1056737	94.897	ug/l	92
26) 2,2-Dichloropropane	7.327	77	311107	19.239	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	234486	19.877	ug/l	88
28) Bromochloromethane	7.657	49	213739	20.194	ug/l #	81
29) Tetrahydrofuran	7.686	42	674891	98.760	ug/l	89
30) Chloroform	7.818	83	428582	20.227	ug/l	100
31) Cyclohexane	8.094	56	388430	18.653	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	344677	19.489	ug/l	96
36) 1,1-Dichloropropene	8.223	75	290057	20.120	ug/l	96
37) Ethyl Acetate	7.415	43	398152	20.431	ug/l	95
38) Carbon Tetrachloride	8.206	117	277667	19.950	ug/l	99
39) Methylcyclohexane	9.459	83	345351	19.257	ug/l	93
40) Benzene	8.459	78	909966	20.450	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069487.D
 Acq On : 15 Nov 2021 12:42
 Operator : JC/MD
 Sample : VN1115WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:48:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	211399	20.994	ug/l	88
42) 1,2-Dichloroethane	8.531	62	359279	20.620	ug/l	98
43) Isopropyl Acetate	8.560	43	641667	20.500	ug/l	95
44) Trichloroethene	9.218	130	218964	20.561	ug/l	92
45) 1,2-Dichloropropane	9.488	63	250939	21.107	ug/l	100
46) Dibromomethane	9.577	93	163181	20.492	ug/l	93
47) Bromodichloromethane	9.762	83	308813	20.782	ug/l	99
48) Methyl methacrylate	9.558	41	286052	19.424	ug/l	92
49) 1,4-Dioxane	9.569	88	102516	376.603	ug/l #	89
51) 4-Methyl-2-Pentanone	10.331	43	2080996	102.998	ug/l	96
52) Toluene	10.505	92	569628	20.548	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	308467	18.630	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	342991	18.931	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	233485	20.894	ug/l	98
56) Ethyl methacrylate	10.760	69	374992	19.128	ug/l	87
57) 1,3-Dichloropropane	11.044	76	404559	20.602	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	372994	85.379	ug/l	93
59) 2-Hexanone	11.084	43	1467166	91.214	ug/l	94
60) Dibromochloromethane	11.237	129	214109	19.030	ug/l	100
61) 1,2-Dibromoethane	11.344	107	234413	19.462	ug/l	97
64) Tetrachloroethene	10.977	164	202827	21.413	ug/l	95
65) Chlorobenzene	11.771	112	605237	20.728	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	214326	21.162	ug/l	98
67) Ethyl Benzene	11.843	91	1101845	20.460	ug/l	98
68) m/p-Xylenes	11.953	106	811329	40.962	ug/l	93
69) o-Xylene	12.280	106	401085	20.312	ug/l	91
70) Styrene	12.294	104	652449	19.364	ug/l	97
71) Bromoform	12.457	173	141509	18.416	ug/l #	100
73) Isopropylbenzene	12.578	105	1075301	20.796	ug/l	98
74) N-amyl acetate	12.388	43	439633	20.063	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	366450	21.013	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	335233m	22.368	ug/l	
77) Bromobenzene	12.860	156	244815	20.703	ug/l	80
78) n-propylbenzene	12.921	91	1209717	20.792	ug/l	96
79) 2-Chlorotoluene	13.007	91	745431	20.693	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	873175	20.889	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.624	75	75875	19.113	ug/l	85
82) 4-Chlorotoluene	13.106	91	710456	20.688	ug/l	93
83) tert-Butylbenzene	13.324	119	767975	20.965	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	852283	21.120	ug/l	98
85) sec-Butylbenzene	13.501	105	1055028	20.618	ug/l	98
86) p-Isopropyltoluene	13.616	119	847723	20.869	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	418136	20.395	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	405010	20.137	ug/l	96
89) n-Butylbenzene	13.943	91	657563	19.412	ug/l	98
90) Hexachloroethane	14.211	117	127019	18.438	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	412671	21.153	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58529	19.200	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	172586	18.946	ug/l	97
94) Hexachlorobutadiene	15.370	225	107213	21.150	ug/l	99
95) Naphthalene	15.507	128	443131	18.454	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	171111	19.565	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111521\
 Data File : VN069487.D
 Acq On : 15 Nov 2021 12:42
 Operator : JC/MD
 Sample : VN1115WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1115WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 16 00:48:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

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

