

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069785.D
 Acq On : 6 Dec 2021 15:52
 Operator : JC/MD
 Sample : VN1206WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:48:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1237069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2032165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1860668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	745793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	940687	49.250	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.500%		
35) Dibromofluoromethane	8.024	113	648865	50.975	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.960%		
50) Toluene-d8	10.443	98	2579389	50.466	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.940%		
62) 4-Bromofluorobenzene	12.731	95	882461	47.658	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.320%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	314925	21.827	ug/l	99
3) Chloromethane	2.303	50	375007	20.746	ug/l	99
4) Vinyl Chloride	2.446	62	349986	21.057	ug/l	100
5) Bromomethane	2.851	94	181272	20.074	ug/l	100
6) Chloroethane	3.014	64	203944	20.023	ug/l	94
7) Trichlorofluoromethane	3.371	101	425558	19.508	ug/l	100
8) Diethyl Ether	3.824	74	171787	20.447	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.202	101	248724	20.340	ug/l	96
10) Methyl Iodide	4.414	142	289344	17.321	ug/l	97
11) Tert butyl alcohol	5.393	59	348647	96.567	ug/l	99
12) 1,1-Dichloroethene	4.175	96	238459	20.237	ug/l	92
13) Acrolein	4.041	56	419920	136.577	ug/l	100
14) Allyl chloride	4.838	41	516797	19.463	ug/l #	88
15) Acrylonitrile	5.559	53	979778	100.709	ug/l	99
16) Acetone	4.293	43	1070137	93.139	ug/l	97
17) Carbon Disulfide	4.524	76	535666	17.596	ug/l	99
18) Methyl Acetate	4.859	43	690204	19.901	ug/l	92
19) Methyl tert-butyl Ether	5.621	73	957440	20.897	ug/l	97
20) Methylene Chloride	5.093	84	297703	19.491	ug/l	88
21) trans-1,2-Dichloroethene	5.594	96	252959	19.764	ug/l	87
22) Diisopropyl ether	6.503	45	1084494	20.896	ug/l	94
23) Vinyl Acetate	6.436	43	4418496	104.647	ug/l	95
24) 1,1-Dichloroethane	6.388	63	536624	19.961	ug/l	98
25) 2-Butanone	7.343	43	1520798	97.417	ug/l	92
26) 2,2-Dichloropropane	7.327	77	406750	19.459	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	303715	19.641	ug/l	86
28) Bromochloromethane	7.662	49	219710	15.716	ug/l #	80
29) Tetrahydrofuran	7.691	42	964457	101.741	ug/l	90
30) Chloroform	7.820	83	542593	19.984	ug/l	98
31) Cyclohexane	8.094	56	531148	19.982	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	457855	19.797	ug/l	97
36) 1,1-Dichloropropene	8.223	75	390623	20.192	ug/l	97
37) Ethyl Acetate	7.418	43	584111	20.286	ug/l	96
38) Carbon Tetrachloride	8.206	117	364826	19.231	ug/l	98
39) Methylcyclohexane	9.462	83	497933	21.639	ug/l	91
40) Benzene	8.461	78	1202782	20.341	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	286239	21.177	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	482928	20.231	ug/l	97
43) Isopropyl Acetate	8.566	43	872544	20.478	ug/l #	95
44) Trichloroethene	9.218	130	283076	20.057	ug/l	92
45) 1,2-Dichloropropane	9.491	63	323864	20.396	ug/l	99
46) Dibromomethane	9.580	93	209125	20.081	ug/l	93
47) Bromodichloromethane	9.765	83	380315	19.288	ug/l	98
48) Methyl methacrylate	9.563	41	403483	20.291	ug/l	87
49) 1,4-Dioxane	9.572	88	145618	408.127	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	2911815	105.340	ug/l	95
52) Toluene	10.508	92	736023	20.388	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	408257	19.045	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	456861	19.618	ug/l	89
55) 1,1,2-Trichloroethane	10.902	97	303097	20.808	ug/l	98
56) Ethyl methacrylate	10.762	69	514791	20.156	ug/l #	88
57) 1,3-Dichloropropane	11.047	76	524167	20.437	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	533764	85.016	ug/l	93
59) 2-Hexanone	11.087	43	2161592	103.374	ug/l	92
60) Dibromochloromethane	11.240	129	261256	18.320	ug/l	99
61) 1,2-Dibromoethane	11.347	107	301498	19.984	ug/l	100
64) Tetrachloroethene	10.977	164	254295	20.156	ug/l	95
65) Chlorobenzene	11.771	112	764931	20.264	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	267480	20.133	ug/l	99
67) Ethyl Benzene	11.846	91	1426834	20.809	ug/l	97
68) m/p-Xylenes	11.956	106	1049605	42.042	ug/l	93
69) o-Xylene	12.280	106	528333	21.009	ug/l	92
70) Styrene	12.296	104	828041	20.765	ug/l	96
71) Bromoform	12.460	173	180713	17.765	ug/l #	99
73) Isopropylbenzene	12.581	105	1346264	20.289	ug/l	99
74) N-amyl acetate	12.390	43	629883	21.465	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	458126	19.966	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	415382m	19.422	ug/l	
77) Bromobenzene	12.862	156	311805	20.006	ug/l	80
78) n-propylbenzene	12.921	91	1510279	20.454	ug/l	96
79) 2-Chlorotoluene	13.007	91	939311	20.133	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	1107328	20.733	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	106942	19.097	ug/l	85
82) 4-Chlorotoluene	13.106	91	874472	19.930	ug/l	93
83) tert-Butylbenzene	13.324	119	964658	20.398	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	1148324	22.577	ug/l	98
85) sec-Butylbenzene	13.503	105	1301588	20.291	ug/l	97
86) p-Isopropyltoluene	13.616	119	1045376	20.849	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	509216	19.887	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	498295	19.803	ug/l	96
89) n-Butylbenzene	13.943	91	845858	20.796	ug/l	98
90) Hexachloroethane	14.211	117	158117	17.962	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	509208	20.411	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	85648	20.657	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	238414	21.241	ug/l	98
94) Hexachlorobutadiene	15.370	225	133119	20.133	ug/l	97
95) Naphthalene	15.507	128	881534	26.244	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	239345	21.529	ug/l	98

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

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