

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069907.D
 Acq On : 9 Dec 2021 13:16
 Operator : JC/MD
 Sample : VN1209WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 06:13:02 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	8.086	168	1043559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1701101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1557381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	649141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	822228	51.030	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.060%			
35) Dibromofluoromethane	8.021	113	572115	53.693	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.380%			
50) Toluene-d8	10.440	98	2216683	51.810	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.620%			
62) 4-Bromofluorobenzene	12.731	95	781597	50.426	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	236466	19.428	ug/l	99
3) Chloromethane	2.306	50	278618	18.272	ug/l	100
4) Vinyl Chloride	2.448	62	264539	18.867	ug/l	99
5) Bromomethane	2.864	94	158304	20.782	ug/l	98
6) Chloroethane	3.027	64	164805	19.181	ug/l	96
7) Trichlorofluoromethane	3.379	101	362876	19.719	ug/l	99
8) Diethyl Ether	3.827	74	140020	19.756	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	212224	20.573	ug/l	97
10) Methyl Iodide	4.419	142	253031	17.955	ug/l	97
11) Tert butyl alcohol	5.374	59	220767	72.486	ug/l	99
12) 1,1-Dichloroethene	4.183	96	194588	19.576	ug/l	88
13) Acrolein	4.041	56	247557	95.447	ug/l	100
14) Allyl chloride	4.846	41	443269	19.790	ug/l	94
15) Acrylonitrile	5.554	53	724653	88.297	ug/l	99
16) Acetone	4.288	43	889436	91.766	ug/l	97
17) Carbon Disulfide	4.529	76	537760	20.940	ug/l	99
18) Methyl Acetate	4.857	43	535479	18.303	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	745843	19.297	ug/l	94
20) Methylene Chloride	5.093	84	244990	19.014	ug/l #	83
21) trans-1,2-Dichloroethene	5.602	96	211367	19.577	ug/l	85
22) Diisopropyl ether	6.498	45	889239	20.311	ug/l #	94
23) Vinyl Acetate	6.434	43	3599366	101.055	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	455553	20.087	ug/l	98
25) 2-Butanone	7.335	43	1119453	85.005	ug/l	92
26) 2,2-Dichloropropane	7.327	77	369373	20.948	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	251340	19.268	ug/l	85
28) Bromochloromethane	7.659	49	243058	20.610	ug/l #	77
29) Tetrahydrofuran	7.686	42	696991	87.160	ug/l #	87
30) Chloroform	7.817	83	464295	20.271	ug/l	100
31) Cyclohexane	8.094	56	437581	19.515	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	394071	20.199	ug/l	95
36) 1,1-Dichloropropene	8.220	75	327294	20.211	ug/l	96
37) Ethyl Acetate	7.412	43	427259	17.727	ug/l	95
38) Carbon Tetrachloride	8.206	117	337118	21.229	ug/l	97
39) Methylcyclohexane	9.459	83	387259	20.104	ug/l	89
40) Benzene	8.458	78	990566	20.012	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	212796	18.807	ug/l	88
42) 1,2-Dichloroethane	8.528	62	398594	19.948	ug/l	96
43) Isopropyl Acetate	8.560	43	686103	19.236	ug/l #	93
44) Trichloroethene	9.215	130	234996	19.891	ug/l	93
45) 1,2-Dichloropropane	9.488	63	272744	20.519	ug/l	98
46) Dibromomethane	9.577	93	173930	19.952	ug/l	93
47) Bromodichloromethane	9.759	83	362103	21.939	ug/l	98
48) Methyl methacrylate	9.558	41	313371	18.826	ug/l	86
49) 1,4-Dioxane	9.569	88	89158	298.517	ug/l #	80
51) 4-Methyl-2-Pentanone	10.330	43	2157157	93.227	ug/l	94
52) Toluene	10.505	92	602830	19.948	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	370956	20.434	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	404166	20.620	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	238751	19.581	ug/l	97
56) Ethyl methacrylate	10.760	69	388656	18.402	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	428981	19.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	411288	79.720	ug/l	91
59) 2-Hexanone	11.084	43	1532623	87.560	ug/l	92
60) Dibromochloromethane	11.237	129	262225	21.494	ug/l	99
61) 1,2-Dibromoethane	11.344	107	247622	19.607	ug/l	97
64) Tetrachloroethene	10.977	164	207777	19.676	ug/l	94
65) Chlorobenzene	11.768	112	631120	19.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	241589	21.725	ug/l	98
67) Ethyl Benzene	11.843	91	1166394	20.324	ug/l	95
68) m/p-Xylenes	11.953	106	846601	40.514	ug/l	92
69) o-Xylene	12.280	106	410867	19.520	ug/l	90
70) Styrene	12.294	104	676187	20.259	ug/l	96
71) Bromoform	12.457	173	190522	21.668	ug/l #	98
73) Isopropylbenzene	12.578	105	1086091	18.805	ug/l	99
74) N-amyl acetate	12.388	43	435002	17.031	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	375126	18.783	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	334814m	17.985	ug/l	
77) Bromobenzene	12.860	156	251814	18.562	ug/l	78
78) n-propylbenzene	12.919	91	1246225	19.391	ug/l	96
79) 2-Chlorotoluene	13.007	91	765419	18.848	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	898163	19.321	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	103028	20.703	ug/l	93
82) 4-Chlorotoluene	13.104	91	732619	19.183	ug/l	93
83) tert-Butylbenzene	13.324	119	767681	18.650	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	869040	19.630	ug/l	98
85) sec-Butylbenzene	13.501	105	1069399	19.154	ug/l	97
86) p-Isopropyltoluene	13.616	119	841835	19.289	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	428638	19.233	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	414804	18.939	ug/l	97
89) n-Butylbenzene	13.943	91	662484	18.713	ug/l	97
90) Hexachloroethane	14.209	117	174833	22.817	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	408414	18.808	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	66421	18.405	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	170647	17.978	ug/l	98
94) Hexachlorobutadiene	15.370	225	124316	21.602	ug/l	98
95) Naphthalene	15.507	128	382095	15.070	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	163648	17.434	ug/l	99

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

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