

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069288.D
 Acq On : 29 Oct 2021 8:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2021
 Supervised By : Mahesh Dadoda 11/01/2021

Quant Time: Oct 29 08:59:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	243068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	432120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	404653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	177949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	178806	50.959	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.920%			
35) Dibromofluoromethane	8.024	113	134568	49.957	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.920%			
50) Toluene-d8	10.443	98	541646	50.291	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.580%			
62) 4-Bromofluorobenzene	12.731	95	200436	49.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	141272	49.608	ug/l	99
3) Chloromethane	2.303	50	148875	51.231	ug/l	99
4) Vinyl Chloride	2.445	62	175545	49.833	ug/l	98
5) Bromomethane	2.842	94	112985	55.286	ug/l	98
6) Chloroethane	3.011	64	113807	53.732	ug/l	96
7) Trichlorofluoromethane	3.371	101	264934	61.456	ug/l	98
8) Diethyl Ether	3.821	74	80951	52.788	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.205	101	115164	50.362	ug/l	99
10) Methyl Iodide	4.417	142	161656	48.424	ug/l	97
11) Tert butyl alcohol	5.387	59	151465	223.562	ug/l	100
12) 1,1-Dichloroethene	4.173	96	113073	51.719	ug/l	100
13) Acrolein	4.041	56	32629	211.170	ug/l	98
14) Allyl chloride	4.838	41	184925	47.813	ug/l	95
15) Acrylonitrile	5.554	53	378770	255.915	ug/l	99
16) Acetone	4.290	43	326705	218.538	ug/l	98
17) Carbon Disulfide	4.524	76	269044	46.214	ug/l	99
18) Methyl Acetate	4.856	43	261616	51.496	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	446891	51.952	ug/l	100
20) Methylene Chloride	5.095	84	136694	47.671	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	124029	50.241	ug/l	97
22) Diisopropyl ether	6.500	45	436932	48.540	ug/l	98
23) Vinyl Acetate	6.436	43	1657618	232.233	ug/l	98
24) 1,1-Dichloroethane	6.388	63	241698	52.287	ug/l	99
25) 2-Butanone	7.337	43	523850	228.781	ug/l	99
26) 2,2-Dichloropropane	7.327	77	133016	29.652	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	150960	51.753	ug/l	96
28) Bromochloromethane	7.656	49	99237	42.849	ug/l	96
29) Tetrahydrofuran	7.686	42	348840	237.038	ug/l	96
30) Chloroform	7.817	83	266033	52.942	ug/l	97
31) Cyclohexane	8.094	56	224104	47.722	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	235327	47.881	ug/l	98
36) 1,1-Dichloropropene	8.222	75	188995	50.732	ug/l	99
37) Ethyl Acetate	7.415	43	211289	49.771	ug/l	99
38) Carbon Tetrachloride	8.206	117	198878	46.867	ug/l	99
39) Methylcyclohexane	9.459	83	226769	49.162	ug/l	97
40) Benzene	8.458	78	576171	51.420	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	100227	47.890	ug/l	92
42) 1,2-Dichloroethane	8.531	62	218459	51.807	ug/l	99
43) Isopropyl Acetate	8.560	43	354500	47.901	ug/l	100
44) Trichloroethene	9.217	130	141518	50.155	ug/l	99
45) 1,2-Dichloropropane	9.491	63	144904	50.794	ug/l	99
46) Dibromomethane	9.579	93	105347	51.976	ug/l	100
47) Bromodichloromethane	9.762	83	202919	46.826	ug/l	99
48) Methyl methacrylate	9.561	41	156207	48.753	ug/l	89
49) 1,4-Dioxane	9.571	88	68240	883.518	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1118036	232.459	ug/l	99
52) Toluene	10.505	92	377542	51.376	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	207749	42.497	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	221426	43.526	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	150503	51.049	ug/l	99
56) Ethyl methacrylate	10.762	69	251546	46.560	ug/l	98
57) 1,3-Dichloropropane	11.044	76	253936	51.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	320181	214.979	ug/l	99
59) 2-Hexanone	11.087	43	832592	226.714	ug/l	99
60) Dibromochloromethane	11.239	129	153388	45.869	ug/l	99
61) 1,2-Dibromoethane	11.347	107	160101	47.596	ug/l	99
64) Tetrachloroethene	10.979	164	125856	48.693	ug/l	98
65) Chlorobenzene	11.771	112	401271	50.390	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	147476	47.943	ug/l	99
67) Ethyl Benzene	11.846	91	743011	51.216	ug/l	99
68) m/p-Xylenes	11.953	106	560712	103.760	ug/l	100
69) o-Xylene	12.280	106	280268	51.532	ug/l	99
70) Styrene	12.294	104	459494	46.588	ug/l	99
71) Bromoform	12.460	173	108700	43.717	ug/l #	99
73) Isopropylbenzene	12.580	105	735584	49.177	ug/l	100
74) N-amyl acetate	12.387	43	294149	49.919	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	239075	50.069	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	197981m	42.301	ug/l	
77) Bromobenzene	12.862	156	166417	47.426	ug/l	99
78) n-propylbenzene	12.921	91	827844	48.894	ug/l	100
79) 2-Chlorotoluene	13.007	91	513812	48.184	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	610410	49.156	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	58971	38.187	ug/l	91
82) 4-Chlorotoluene	13.106	91	497154	47.270	ug/l	100
83) tert-Butylbenzene	13.323	119	531670	49.073	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	598070	49.243	ug/l	99
85) sec-Butylbenzene	13.503	105	737238	49.114	ug/l	100
86) p-Isopropyltoluene	13.616	119	593492	49.576	ug/l	99
87) 1,3-Dichlorobenzene	13.616	146	295638	48.156	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	287413	48.217	ug/l	99
89) n-Butylbenzene	13.943	91	473869	46.742	ug/l	100
90) Hexachloroethane	14.211	117	105461	44.705	ug/l	99
91) 1,2-Dichlorobenzene	13.989	146	291643	48.761	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	45711	46.298	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	135622	47.080	ug/l	99
94) Hexachlorobutadiene	15.372	225	68394	46.469	ug/l	99
95) Naphthalene	15.507	128	444368	49.972	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	136475	48.420	ug/l	99

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

