

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069210.D
 Acq On : 27 Oct 2021 11:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 6:31:08 PM

Quant Time: Oct 28 05:19:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	274899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	467584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	445197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	190941	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	183411	50.604	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.200%			
35) Dibromofluoromethane	8.021	113	139317	51.211	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.420%			
50) Toluene-d8	10.443	98	559824	51.431	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.860%			
62) 4-Bromofluorobenzene	12.733	95	217902	53.059	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	143275	42.057	ug/l	100
3) Chloromethane	2.301	50	143622	42.744	ug/l	99
4) Vinyl Chloride	2.445	62	174741	51.202	ug/l	98
5) Bromomethane	2.829	94	115564	61.561	ug/l	99
6) Chloroethane	3.003	64	116535	57.941	ug/l	98
7) Trichlorofluoromethane	3.368	101	240763	50.381	ug/l	99
8) Diethyl Ether	3.827	74	87060	48.840	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.215	101	136459	53.105	ug/l	99
10) Methyl Iodide	4.425	142	169704	45.503	ug/l	97
11) Tert butyl alcohol	5.369	59	168783	254.850	ug/l	99
12) 1,1-Dichloroethene	4.183	96	122532	46.130	ug/l	100
13) Acrolein	4.044	56	51886	177.100	ug/l	100
14) Allyl chloride	4.843	41	221503	46.518	ug/l	96
15) Acrylonitrile	5.554	53	413982	278.966	ug/l	99
16) Acetone	4.285	43	460887	340.748	ug/l	99
17) Carbon Disulfide	4.532	76	287093	39.825	ug/l	99
18) Methyl Acetate	4.854	43	286993	55.941	ug/l	98
19) Methyl tert-butyl Ether	5.615	73	503933	50.951	ug/l	98
20) Methylene Chloride	5.098	84	151383	48.627	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	132537	46.185	ug/l	100
22) Diisopropyl ether	6.495	45	491672	49.652	ug/l	98
23) Vinyl Acetate	6.433	43	1889531	252.408	ug/l	99
24) 1,1-Dichloroethane	6.388	63	268413	49.889	ug/l	99
25) 2-Butanone	7.332	43	610134	298.307	ug/l	98
26) 2,2-Dichloropropane	7.327	77	258284	50.374	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	168021	48.436	ug/l	98
28) Bromochloromethane	7.659	49	133677	54.858	ug/l	97
29) Tetrahydrofuran	7.683	42	367392	276.925	ug/l	96
30) Chloroform	7.820	83	293950	51.843	ug/l	98
31) Cyclohexane	8.096	56	245026	43.480	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	267668	50.640	ug/l	100
36) 1,1-Dichloropropene	8.222	75	209483	52.451	ug/l	99
37) Ethyl Acetate	7.412	43	232613	56.393	ug/l	100
38) Carbon Tetrachloride	8.209	117	224188	51.110	ug/l	99
39) Methylcyclohexane	9.461	83	265395	51.628	ug/l	97
40) Benzene	8.461	78	629084	51.727	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	118559	57.019	ug/l	97
42) 1,2-Dichloroethane	8.531	62	238314	55.337	ug/l	100
43) Isopropyl Acetate	8.560	43	389003	53.449	ug/l	99
44) Trichloroethene	9.217	130	157436	51.724	ug/l	100
45) 1,2-Dichloropropane	9.491	63	164337	52.075	ug/l	99
46) Dibromomethane	9.577	93	116624	54.139	ug/l	100
47) Bromodichloromethane	9.762	83	234334	52.494	ug/l	100
48) Methyl methacrylate	9.561	41	183567	53.680	ug/l	95
49) 1,4-Dioxane	9.569	88	74411	1112.303	ug/l	94
51) 4-Methyl-2-Pentanone	10.330	43	1221845	289.533	ug/l	99
52) Toluene	10.505	92	420625	53.757	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	263392	52.089	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	273593	52.003	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	169804	55.043	ug/l	98
56) Ethyl methacrylate	10.762	69	284518	54.931	ug/l	98
57) 1,3-Dichloropropane	11.046	76	285136	56.054	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	389687	255.327	ug/l	99
59) 2-Hexanone	11.087	43	939128	310.319	ug/l	99
60) Dibromochloromethane	11.240	129	180911	51.954	ug/l	99
61) 1,2-Dibromoethane	11.347	107	179141	56.614	ug/l	99
64) Tetrachloroethene	10.979	164	141953	49.497	ug/l	98
65) Chlorobenzene	11.771	112	455322	54.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	170649	51.754	ug/l	99
67) Ethyl Benzene	11.846	91	850081	54.323	ug/l	99
68) m/p-Xylenes	11.956	106	639004	107.718	ug/l	100
69) o-Xylene	12.283	106	317080	53.400	ug/l	99
70) Styrene	12.296	104	529675	54.799	ug/l	99
71) Bromoform	12.460	173	133025	50.362	ug/l #	99
73) Isopropylbenzene	12.581	105	852056	53.612	ug/l	100
74) N-amyl acetate	12.387	43	321517	53.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	261486	56.933	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	224257m	55.199	ug/l	
77) Bromobenzene	12.862	156	192945	54.902	ug/l	99
78) n-propylbenzene	12.921	91	983534	55.068	ug/l	99
79) 2-Chlorotoluene	13.010	91	597966	54.318	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	708429	53.515	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	85851	50.556	ug/l	96
82) 4-Chlorotoluene	13.106	91	581708	54.683	ug/l	100
83) tert-Butylbenzene	13.326	119	614360	53.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	695446	54.525	ug/l	100
85) sec-Butylbenzene	13.503	105	875072	54.831	ug/l	100
86) p-Isopropyltoluene	13.618	119	710766	55.524	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	335513	55.193	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	325621	53.971	ug/l	100
89) n-Butylbenzene	13.943	91	590749	55.434	ug/l	100
90) Hexachloroethane	14.214	117	130973	48.707	ug/l	100
91) 1,2-Dichlorobenzene	13.991	146	317459	53.760	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	48736	55.036	ug/l	98
93) 1,2,4-Trichlorobenzene	15.265	180	155869	48.677	ug/l	99
94) Hexachlorobutadiene	15.372	225	83849	49.867	ug/l	99
95) Naphthalene	15.507	128	445984	50.305	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	149129	48.930	ug/l	99

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

