

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101821\
 Data File : VN068992.D
 Acq On : 18 Oct 2021 20:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/19/2021 5:23:34 PM

Quant Time: Oct 19 06:40:41 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	313495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	571975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	546194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	242080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	242341	58.631	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.260%			
35) Dibromofluoromethane	8.021	113	186286	55.979	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.960%			
50) Toluene-d8	10.443	98	755399	56.733	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.460%			
62) 4-Bromofluorobenzene	12.734	95	296637	59.048	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	167448	43.071	ug/l	100
3) Chloromethane	2.301	50	193976	50.623	ug/l	100
4) Vinyl Chloride	2.440	62	229390	58.939	ug/l	99
5) Bromomethane	2.821	94	144989	67.727	ug/l	98
6) Chloroethane	2.995	64	144153	62.848	ug/l	99
7) Trichlorofluoromethane	3.363	101	283873	52.089	ug/l	98
8) Diethyl Ether	3.824	74	105938	52.114	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.208	101	154145	52.602	ug/l	99
10) Methyl Iodide	4.420	142	208284	48.971	ug/l	98
11) Tert butyl alcohol	5.369	59	200735	265.780	ug/l	100
12) 1,1-Dichloroethene	4.181	96	151482	50.008	ug/l	99
13) Acrolein	4.041	56	115691	346.267	ug/l	99
14) Allyl chloride	4.838	41	272835	50.244	ug/l	98
15) Acrylonitrile	5.554	53	477844	282.357	ug/l	99
16) Acetone	4.285	43	399107	258.744	ug/l	99
17) Carbon Disulfide	4.532	76	408321	49.668	ug/l	100
18) Methyl Acetate	4.851	43	344996	58.967	ug/l	99
19) Methyl tert-butyl Ether	5.618	73	613444	54.387	ug/l	97
20) Methylene Chloride	5.098	84	188430	53.075	ug/l	99
21) trans-1,2-Dichloroethene	5.597	96	164635	50.308	ug/l	97
22) Diisopropyl ether	6.498	45	607381	53.786	ug/l	97
23) Vinyl Acetate	6.434	43	2290342	268.283	ug/l	99
24) 1,1-Dichloroethane	6.388	63	328472	53.536	ug/l	99
25) 2-Butanone	7.335	43	655785	281.153	ug/l	99
26) 2,2-Dichloropropane	7.327	77	270895	46.329	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	203342	51.401	ug/l	99
28) Bromochloromethane	7.657	49	164054	59.036	ug/l	99
29) Tetrahydrofuran	7.683	42	436238	288.336	ug/l	97
30) Chloroform	7.820	83	357110	55.228	ug/l	99
31) Cyclohexane	8.096	56	305381	47.518	ug/l	94
32) 1,1,1-Trichloroethane	8.016	97	323060	53.595	ug/l	99
36) 1,1-Dichloropropene	8.223	75	253047	51.795	ug/l	99
37) Ethyl Acetate	7.410	43	273052	54.115	ug/l	99
38) Carbon Tetrachloride	8.206	117	272646	50.813	ug/l	98
39) Methylcyclohexane	9.462	83	317695	50.522	ug/l	96
40) Benzene	8.461	78	778094	52.302	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	138456	54.435	ug/l	97
42) 1,2-Dichloroethane	8.531	62	281535	53.441	ug/l	100
43) Isopropyl Acetate	8.560	43	492854	55.359	ug/l	98
44) Trichloroethene	9.218	130	187254	50.293	ug/l	98
45) 1,2-Dichloropropane	9.491	63	203978	52.839	ug/l	98
46) Dibromomethane	9.580	93	142293	53.999	ug/l	96
47) Bromodichloromethane	9.762	83	287220	52.599	ug/l	98
48) Methyl methacrylate	9.561	41	225546	53.918	ug/l	98
49) 1,4-Dioxane	9.569	88	83715	1025.852	ug/l	94
51) 4-Methyl-2-Pentanone	10.331	43	1458521	282.539	ug/l	99
52) Toluene	10.508	92	512774	53.574	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	324313	52.431	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	330445	51.346	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	202286	53.605	ug/l	99
56) Ethyl methacrylate	10.762	69	346214	54.643	ug/l	98
57) 1,3-Dichloropropane	11.047	76	343719	55.238	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	486458	260.176	ug/l	99
59) 2-Hexanone	11.087	43	1082006	292.278	ug/l	100
60) Dibromochloromethane	11.240	129	222982	52.349	ug/l	100
61) 1,2-Dibromoethane	11.347	107	213052	55.043	ug/l	100
64) Tetrachloroethene	10.980	164	157029	44.629	ug/l	95
65) Chlorobenzene	11.771	112	542288	52.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	206312	51.000	ug/l	99
67) Ethyl Benzene	11.846	91	1025836	53.432	ug/l	99
68) m/p-Xylenes	11.956	106	769240	105.694	ug/l	100
69) o-Xylene	12.283	106	382766	52.542	ug/l	99
70) Styrene	12.296	104	642064	54.144	ug/l	99
71) Bromoform	12.460	173	163539	50.466	ug/l #	99
73) Isopropylbenzene	12.581	105	1024339	50.837	ug/l	99
74) N-amyl acetate	12.388	43	413811	54.207	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	320863	55.103	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	331291m	64.319	ug/l	
77) Bromobenzene	12.862	156	224437	50.372	ug/l	97
78) n-propylbenzene	12.921	91	1166396	51.510	ug/l	99
79) 2-Chlorotoluene	13.010	91	711794	50.999	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	850404	50.670	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	107741	50.044	ug/l	99
82) 4-Chlorotoluene	13.106	91	701178	51.989	ug/l	100
83) tert-Butylbenzene	13.326	119	735029	50.310	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	836455	51.726	ug/l	100
85) sec-Butylbenzene	13.503	105	1047211	51.756	ug/l	99
86) p-Isopropyltoluene	13.619	119	841868	51.873	ug/l	100
87) 1,3-Dichlorobenzene	13.616	146	397772	51.612	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	388439	50.782	ug/l	99
89) n-Butylbenzene	13.943	91	712821	52.759	ug/l	99
90) Hexachloroethane	14.214	117	170711	50.074	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	382495	51.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	61048	54.376	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	177081	43.889	ug/l	99
94) Hexachlorobutadiene	15.373	225	97518	45.745	ug/l	100
95) Naphthalene	15.507	128	523804	46.882	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	173331	45.066	ug/l	98

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

