

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091521\
 Data File : VN068497.D
 Acq On : 15 Sep 2021 20:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/16/2021 7:24:27 PM

Quant Time: Sep 16 03:20:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:04:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	712142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	987153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	941758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	494027	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	346393	53.026	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.060%			
35) Dibromofluoromethane	8.024	113	336467	56.513	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.020%			
50) Toluene-d8	10.443	98	1282232	59.289	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 118.580%			
62) 4-Bromofluorobenzene	12.733	95	424479	61.338	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 122.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	242912	41.777	ug/l	99
3) Chloromethane	2.301	50	244920	42.002	ug/l	98
4) Vinyl Chloride	2.440	62	401511	45.534	ug/l	99
5) Bromomethane	2.840	94	413286	48.205	ug/l	100
6) Chloroethane	3.009	64	308373	47.501	ug/l	100
7) Trichlorofluoromethane	3.371	101	493043	44.582	ug/l	100
8) Diethyl Ether	3.824	74	154860	46.427	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.216	101	262589	42.967	ug/l	99
10) Methyl Iodide	4.422	142	448638	51.470	ug/l	98
11) Tert butyl alcohol	5.369	59	227574	251.633	ug/l #	84
12) 1,1-Dichloroethene	4.186	96	251095	44.878	ug/l	96
13) Acrolein	4.044	56	76553	157.815	ug/l	100
14) Allyl chloride	4.840	41	321676	45.263	ug/l	98
15) Acrylonitrile	5.551	53	585508	235.056	ug/l	99
16) Acetone	4.285	43	443270	205.055	ug/l	98
17) Carbon Disulfide	4.532	76	638810	42.521	ug/l	100
18) Methyl Acetate	4.851	43	270506	47.525	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	897897	47.894	ug/l	99
20) Methylene Chloride	5.095	84	296722	48.647	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	285846	44.750	ug/l	98
22) Diisopropyl ether	6.498	45	732107	47.576	ug/l	99
23) Vinyl Acetate	6.434	43	2833952	246.413	ug/l	98
24) 1,1-Dichloroethane	6.391	63	466429	44.733	ug/l	99
25) 2-Butanone	7.335	43	736795	232.108	ug/l	98
26) 2,2-Dichloropropane	7.327	77	388142	40.320	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	349280	46.556	ug/l	97
28) Bromochloromethane	7.659	49	197848	48.760	ug/l	95
29) Tetrahydrofuran	7.683	42	491218	237.040	ug/l	98
30) Chloroform	7.820	83	562627	45.610	ug/l	100
31) Cyclohexane	8.096	56	417566	42.181	ug/l	100
32) 1,1,1-Trichloroethane	8.019	97	551374	48.180	ug/l	98
36) 1,1-Dichloropropene	8.225	75	388649	47.223	ug/l	98
37) Ethyl Acetate	7.412	43	317657	50.741	ug/l	99
38) Carbon Tetrachloride	8.209	117	505911	51.312	ug/l	98
39) Methylcyclohexane	9.464	83	509230	48.907	ug/l	97
40) Benzene	8.461	78	1221471	50.140	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	152399	49.468	ug/l	98
42) 1,2-Dichloroethane	8.531	62	402635	47.702	ug/l	100
43) Isopropyl Acetate	8.563	43	559997	50.701	ug/l	99
44) Trichloroethene	9.220	130	386113	50.059	ug/l	100
45) 1,2-Dichloropropane	9.491	63	284632	48.940	ug/l	98
46) Dibromomethane	9.577	93	234110	50.006	ug/l	94
47) Bromodichloromethane	9.765	83	447086	50.328	ug/l	100
48) Methyl methacrylate	9.561	41	249736	54.146	ug/l	99
49) 1,4-Dioxane	9.569	88	112957	1067.599	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	1650039	261.699	ug/l	100
52) Toluene	10.507	92	861521	53.300	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	456038	53.584	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	482281	51.714	ug/l	98
55) 1,1,2-Trichloroethane	10.899	97	335743	52.342	ug/l	98
56) Ethyl methacrylate	10.762	69	458632	57.568	ug/l	99
57) 1,3-Dichloropropane	11.047	76	504868	51.073	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	357695	392.785	ug/l	98
59) 2-Hexanone	11.087	43	1167509	276.493	ug/l	99
60) Dibromochloromethane	11.240	129	431317	57.133	ug/l	100
61) 1,2-Dibromoethane	11.347	107	368626	54.203	ug/l	99
64) Tetrachloroethene	10.979	164	393859	47.186	ug/l	99
65) Chlorobenzene	11.771	112	976562	50.472	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	404802	53.218	ug/l	100
67) Ethyl Benzene	11.846	91	1620139	51.166	ug/l	100
68) m/p-Xylenes	11.956	106	1350846	105.947	ug/l	100
69) o-Xylene	12.283	106	674831	54.321	ug/l	98
70) Styrene	12.296	104	1060939	56.345	ug/l	99
71) Bromoform	12.460	173	359767	61.693	ug/l #	99
73) Isopropylbenzene	12.581	105	1704255	48.495	ug/l	98
74) N-amyl acetate	12.390	43	419297	53.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	455548	46.240	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	373475m	47.891	ug/l	
77) Bromobenzene	12.862	156	490361	50.446	ug/l	97
78) n-propylbenzene	12.924	91	1787844	48.180	ug/l	99
79) 2-Chlorotoluene	13.010	91	1068765	46.719	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1418453	49.686	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	122238	54.836	ug/l	97
82) 4-Chlorotoluene	13.106	91	1038661	47.081	ug/l	100
83) tert-Butylbenzene	13.326	119	1318318	50.576	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	1382405	50.489	ug/l	100
85) sec-Butylbenzene	13.503	105	1715002	49.899	ug/l	100
86) p-Isopropyltoluene	13.619	119	1490078	51.364	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	840527	49.838	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	816762	49.135	ug/l	100
89) n-Butylbenzene	13.946	91	1040376	49.231	ug/l	99
90) Hexachloroethane	14.214	117	268658	52.759	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	819317	50.362	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.605	75	78398	50.134	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	419786	56.502	ug/l	99
94) Hexachlorobutadiene	15.373	225	266777	55.563	ug/l	99
95) Naphthalene	15.509	128	895908	46.103	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	395962	55.822	ug/l	99

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

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