

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067299.D
 Acq On : 11 Jun 2021 19:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/14/2021 4:11:17 PM

Quant Time: Jun 12 04:31:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	347295	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	670423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	622858	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	265882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	339962	51.790	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.580%			
35) Dibromofluoromethane	8.024	113	213089	49.879	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.760%			
50) Toluene-d8	10.443	98	839559	50.007	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.020%			
62) 4-Bromofluorobenzene	12.734	95	350755	50.205	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	217970	50.432	ug/l	100
3) Chloromethane	2.298	50	249520	45.038	ug/l	97
4) Vinyl Chloride	2.443	62	247657	46.216	ug/l	100
5) Bromomethane	2.837	94	121968	50.240	ug/l	97
6) Chloroethane	3.009	64	151150	48.033	ug/l	98
7) Trichlorofluoromethane	3.368	101	344398	50.799	ug/l	97
8) Diethyl Ether	3.821	74	141181	48.428	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.197	101	199907	50.851	ug/l #	82
10) Methyl Iodide	4.417	142	243802	57.215	ug/l #	80
11) Tert butyl alcohol	5.393	59	290851	260.354	ug/l #	81
12) 1,1-Dichloroethene	4.173	96	193011	50.790	ug/l #	75
13) Acrolein	4.039	56	115646	258.014	ug/l	96
14) Allyl chloride	4.835	41	435869	47.249	ug/l #	82
15) Acrylonitrile	5.559	53	601211	248.725	ug/l	99
16) Acetone	4.291	43	606107	228.673	ug/l #	86
17) Carbon Disulfide	4.521	76	525261	47.277	ug/l	99
18) Methyl Acetate	4.859	43	373647	50.644	ug/l #	89
19) Methyl tert-butyl Ether	5.621	73	792262	52.189	ug/l	100
20) Methylene Chloride	5.093	84	273504	57.527	ug/l #	81
21) trans-1,2-Dichloroethene	5.591	96	212464	51.554	ug/l #	80
22) Diisopropyl ether	6.503	45	808691	48.901	ug/l #	89
23) Vinyl Acetate	6.436	43	3877818	245.315	ug/l #	92
24) 1,1-Dichloroethane	6.385	63	470710	50.140	ug/l	96
25) 2-Butanone	7.343	43	976763	241.552	ug/l #	87
26) 2,2-Dichloropropane	7.327	77	411297	45.567	ug/l	92
27) cis-1,2-Dichloroethene	7.327	96	265765	52.806	ug/l	83
28) Bromochloromethane	7.657	49	224464	48.929	ug/l #	67
29) Tetrahydrofuran	7.691	42	567201	248.777	ug/l #	86
30) Chloroform	7.820	83	496820	53.303	ug/l	99
31) Cyclohexane	8.094	56	344904	42.702	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	459775	53.587	ug/l #	94
36) 1,1-Dichloropropene	8.223	75	350282	49.329	ug/l	93
37) Ethyl Acetate	7.418	43	398405	49.969	ug/l #	94
38) Carbon Tetrachloride	8.206	117	384219	51.892	ug/l	99
39) Methylcyclohexane	9.462	83	304924	40.771	ug/l	91
40) Benzene	8.461	78	1009518	49.740	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	218647	50.681	ug/l #	77
42) 1,2-Dichloroethane	8.534	62	439753	52.563	ug/l	92
43) Isopropyl Acetate	8.563	43	729169	49.455	ug/l #	90
44) Trichloroethene	9.218	130	240939	51.443	ug/l	78
45) 1,2-Dichloropropane	9.494	63	278567	48.698	ug/l	98
46) Dibromomethane	9.580	93	191347	52.662	ug/l #	77
47) Bromodichloromethane	9.765	83	422234	52.076	ug/l	98
48) Methyl methacrylate	9.563	41	361473	52.594	ug/l #	75
49) 1,4-Dioxane	9.574	88	87239	1052.025	ug/l #	83
51) 4-Methyl-2-Pentanone	10.336	43	2180388	248.514	ug/l	88
52) Toluene	10.508	92	649413	50.821	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	472189	49.987	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	471595	49.005	ug/l #	78
55) 1,1,2-Trichloroethane	10.902	97	260776	53.268	ug/l	96
56) Ethyl methacrylate	10.762	69	460213	50.771	ug/l #	72
57) 1,3-Dichloropropane	11.047	76	462854	51.044	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	603562	258.054	ug/l	92
59) 2-Hexanone	11.090	43	1581761	249.686	ug/l	86
60) Dibromochloromethane	11.240	129	293746	52.069	ug/l	100
61) 1,2-Dibromoethane	11.347	107	268862	53.344	ug/l	99
64) Tetrachloroethene	10.980	164	223027	51.873	ug/l	88
65) Chlorobenzene	11.773	112	682613	51.510	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	263752	52.088	ug/l	98
67) Ethyl Benzene	11.846	91	1317275	50.712	ug/l	94
68) m/p-Xylenes	11.956	106	922943	98.698	ug/l	80
69) o-Xylene	12.283	106	455994	49.718	ug/l	79
70) Styrene	12.296	104	779790	50.788	ug/l #	90
71) Bromoform	12.460	173	200605	53.596	ug/l #	99
73) Isopropylbenzene	12.581	105	1195913	47.750	ug/l	96
74) N-amyl acetate	12.390	43	634412	51.518	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	377346	50.592	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	379598m	53.743	ug/l	
77) Bromobenzene	12.862	156	254618	51.131	ug/l #	53
78) n-propylbenzene	12.921	91	1412495	48.322	ug/l	91
79) 2-Chlorotoluene	13.106	91	909992	50.698	ug/l	87
80) 1,3,5-Trimethylbenzene	13.061	105	1014733	47.432	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	135891	49.216	ug/l #	81
82) 4-Chlorotoluene	13.010	91	894155	50.512	ug/l	90
83) tert-Butylbenzene	13.326	119	798315	45.369	ug/l	81
84) 1,2,4-Trimethylbenzene	13.369	105	1016139	48.495	ug/l	91
85) sec-Butylbenzene	13.503	105	1090968	44.429	ug/l	93
86) p-Isopropyltoluene	13.616	119	913225	43.942	ug/l	90
87) 1,3-Dichlorobenzene	13.616	146	456037	50.223	ug/l	93
88) 1,4-Dichlorobenzene	13.696	146	455577	51.048	ug/l	92
89) n-Butylbenzene	13.943	91	844865	44.171	ug/l	95
90) Hexachloroethane	14.211	117	174376	46.247	ug/l	75
91) 1,2-Dichlorobenzene	13.991	146	448597	52.037	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.603	75	95161	52.928	ug/l	59
93) 1,2,4-Trichlorobenzene	15.265	180	240511	54.237	ug/l	97
94) Hexachlorobutadiene	15.373	225	123397	47.657	ug/l	98
95) Naphthalene	15.507	128	813715	55.390	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	232409	56.543	ug/l	96

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

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