

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082621\
 Data File : VN068316.D
 Acq On : 26 Aug 2021 11:11
 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

SAM
 8/27/2021 1:34:15 PM

Quant Time: Aug 27 05:52:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	688667	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	976572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	965960	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	520906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	333019	45.290	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.580%
35) Dibromofluoromethane	8.021	113	313347	51.107	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.220%
50) Toluene-d8	10.443	98	1224473	52.413	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.820%
62) 4-Bromofluorobenzene	12.734	95	445463	57.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	218603	40.061	ug/l	98
3) Chloromethane	2.303	50	225876	36.638	ug/l	97
4) Vinyl Chloride	2.443	62	383430	39.692	ug/l	97
5) Bromomethane	2.848	94	365922	47.872	ug/l	98
6) Chloroethane	3.014	64	292503	50.326	ug/l	94
7) Trichlorofluoromethane	3.371	101	855758	45.061	ug/l	98
8) Diethyl Ether	3.816	74	234148	53.154	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.199	101	261245	44.992	ug/l	# 83
10) Methyl Iodide	4.414	142	364894	44.195	ug/l	89
11) Tert butyl alcohol	5.390	59	193861	211.413	ug/l	99
12) 1,1-Dichloroethene	4.173	96	235918	42.257	ug/l	# 73
13) Acrolein	4.039	56	83853	134.501	ug/l	99
14) Allyl chloride	4.835	41	310167	43.464	ug/l	# 92
15) Acrylonitrile	5.557	53	566993	219.469	ug/l	99
16) Acetone	4.288	43	446016	207.751	ug/l	# 88
17) Carbon Disulfide	4.521	76	594687	41.205	ug/l	100
18) Methyl Acetate	4.859	43	260907	47.464	ug/l	# 84
19) Methyl tert-butyl Ether	5.618	73	856135	47.565	ug/l	95
20) Methylene Chloride	5.090	84	284302	47.773	ug/l	# 80
21) trans-1,2-Dichloroethene	5.591	96	279003	44.638	ug/l	# 77
22) Diisopropyl ether	6.501	45	730717	46.873	ug/l	# 93
23) Vinyl Acetate	6.436	43	2805578	231.203	ug/l	# 88
24) 1,1-Dichloroethane	6.385	63	456086	43.788	ug/l	96
25) 2-Butanone	7.337	43	725654	216.888	ug/l	# 83
26) 2,2-Dichloropropane	7.324	77	428167	47.976	ug/l	90
27) cis-1,2-Dichloroethene	7.324	96	337434	45.088	ug/l	75
28) Bromochloromethane	7.657	49	205686	44.908	ug/l	# 38
29) Tetrahydrofuran	7.686	42	483638	226.029	ug/l	# 79
30) Chloroform	7.820	83	556926	44.885	ug/l	98
31) Cyclohexane	8.094	56	407996	42.126	ug/l	# 79
32) 1,1,1-Trichloroethane	8.013	97	530883	47.978	ug/l	92
36) 1,1-Dichloropropene	8.222	75	402323	50.397	ug/l	91
37) Ethyl Acetate	7.415	43	303384	44.609	ug/l	94
38) Carbon Tetrachloride	8.206	117	498986	54.194	ug/l	98
39) Methylcyclohexane	9.459	83	520348	57.713	ug/l	# 83
40) Benzene	8.461	78	1215674	49.893	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	148343	47.775	ug/l #	83
42) 1,2-Dichloroethane	8.531	62	404546	48.742	ug/l	91
43) Isopropyl Acetate	8.563	43	547569	50.263	ug/l #	88
44) Trichloroethene	9.217	130	377705	51.548	ug/l	74
45) 1,2-Dichloropropane	9.491	63	284146	49.579	ug/l	97
46) Dibromomethane	9.580	93	238674	51.052	ug/l #	76
47) Bromodichloromethane	9.765	83	463499	53.350	ug/l #	96
48) Methyl methacrylate	9.561	41	234660	51.689	ug/l #	77
49) 1,4-Dioxane	9.569	88	99999	911.307	ug/l #	77
51) 4-Methyl-2-Pentanone	10.333	43	1721117	257.191	ug/l	90
52) Toluene	10.508	92	882272	53.115	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	477578	55.967	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	500470	54.132	ug/l #	82
55) 1,1,2-Trichloroethane	10.902	97	342190	51.550	ug/l	94
56) Ethyl methacrylate	10.762	69	472453	55.423	ug/l #	79
57) 1,3-Dichloropropane	11.047	76	518436	50.708	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	388664	215.741	ug/l #	81
59) 2-Hexanone	11.087	43	1199596	258.163	ug/l	86
60) Dibromochloromethane	11.240	129	434330	57.998	ug/l	99
61) 1,2-Dibromoethane	11.350	107	377508	54.837	ug/l	99
64) Tetrachloroethene	10.980	164	431259	57.737	ug/l #	86
65) Chlorobenzene	11.773	112	1020518	51.599	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	416844	55.874	ug/l	98
67) Ethyl Benzene	11.846	91	1746850	53.546	ug/l	93
68) m/p-Xylenes	11.956	106	1441367	110.446	ug/l	78
69) o-Xylene	12.283	106	703905	55.823	ug/l	79
70) Styrene	12.296	104	1158656	57.407	ug/l #	89
71) Bromoform	12.460	173	367872	61.485	ug/l #	98
73) Isopropylbenzene	12.581	105	1849691	49.928	ug/l	94
74) N-amyl acetate	12.390	43	452399	46.896	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	482471	43.424	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	376614m	43.499	ug/l	
77) Bromobenzene	12.862	156	523110	51.253	ug/l	50
78) n-propylbenzene	12.924	91	2006507	50.490	ug/l	89
79) 2-Chlorotoluene	13.010	91	1177548	47.912	ug/l	79
80) 1,3,5-Trimethylbenzene	13.061	105	1545351	51.562	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	134333	50.831	ug/l #	84
82) 4-Chlorotoluene	13.106	91	1163265	48.763	ug/l	82
83) tert-Butylbenzene	13.326	119	1418701	53.308	ug/l	81
84) 1,2,4-Trimethylbenzene	13.369	105	1510879	51.641	ug/l	89
85) sec-Butylbenzene	13.503	105	1930355	55.086	ug/l	91
86) p-Isopropyltoluene	13.619	119	1668508	57.683	ug/l	89
87) 1,3-Dichlorobenzene	13.619	146	929699	53.419	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	897035	50.877	ug/l	91
89) n-Butylbenzene	13.946	91	1244344	57.668	ug/l	95
90) Hexachloroethane	14.211	117	292164	54.438	ug/l	60
91) 1,2-Dichlorobenzene	13.991	146	873696	52.728	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.603	75	78554	46.678	ug/l #	23
93) 1,2,4-Trichlorobenzene	15.265	180	462247	53.023	ug/l	96
94) Hexachlorobutadiene	15.373	225	273709	60.992	ug/l	98
95) Naphthalene	15.509	128	999577	48.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	437710	52.882	ug/l	96

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

