

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066505.D
 Acq On : 6 Apr 2021 20:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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SAM
 4/7/2021 5:48:10 PM

Quant Time: Apr 07 04:50:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 15:38:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	290671	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	440273	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	430417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	206479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	185607	48.49	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.98%		
35) Dibromofluoromethane	7.504	113	144878	48.28	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.56%		
50) Toluene-d8	10.028	98	568086	49.83	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.66%		
62) 4-Bromofluorobenzene	12.345	95	193861	52.43	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.86%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	166651	50.73	ug/l	99
3) Chloromethane	2.017	50	197692	45.96	ug/l	98
4) Vinyl Chloride	2.143	62	230248	47.56	ug/l	99
5) Bromomethane	2.502	94	164422	46.65	ug/l	98
6) Chloroethane	2.642	64	158608	50.03	ug/l	99
7) Trichlorofluoromethane	2.955	101	312604	49.13	ug/l	98
8) Diethyl Ether	3.339	74	88047	50.63	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.680	101	138920	51.31	ug/l	97
10) Methyl Iodide	3.867	142	208008	52.65	ug/l	100
11) Tert butyl alcohol	4.683	59	154812	250.63	ug/l #	85
12) 1,1-Dichloroethene	3.655	96	131169	48.55	ug/l	95
13) Acrolein	3.529	56	73130	218.94	ug/l	100
14) Allyl chloride	4.229	41	207118	45.39	ug/l #	87
15) Acrylonitrile	4.876	53	444187	253.71	ug/l	98
16) Acetone	3.733	43	355976	221.87	ug/l	96
17) Carbon Disulfide	3.967	76	395104	45.31	ug/l	99
18) Methyl Acetate	4.232	43	197282	49.15	ug/l	97
19) Methyl tert-butyl Ether	4.940	73	481573	50.70	ug/l	100
20) Methylene Chloride	4.452	84	166517	48.34	ug/l	92
21) trans-1,2-Dichloroethene	4.935	96	151882	48.54	ug/l	97
22) Diisopropyl ether	5.849	45	533452	51.66	ug/l	97
23) Vinyl Acetate	5.790	43	2375667	263.69	ug/l	99
24) 1,1-Dichloroethane	5.742	63	293213	49.99	ug/l	99
25) 2-Butanone	6.732	43	604890	251.29	ug/l	100
26) 2,2-Dichloropropane	6.726	77	233469	46.69	ug/l	98
27) cis-1,2-Dichloroethene	6.729	96	177874	49.59	ug/l	98
28) Bromochloromethane	7.104	49	141294	46.52	ug/l	98
29) Tetrahydrofuran	7.118	42	413108	255.76	ug/l	100
30) Chloroform	7.284	83	299089	50.60	ug/l	99
31) Cyclohexane	7.571	56	254804	48.40	ug/l	97
32) 1,1,1-Trichloroethane	7.485	97	257713	50.38	ug/l	99
36) 1,1-Dichloropropene	7.711	75	217581	50.86	ug/l	99
37) Ethyl Acetate	6.831	43	256252	48.40	ug/l	99
38) Carbon Tetrachloride	7.692	117	220379	50.83	ug/l	98
39) Methylcyclohexane	9.011	83	249101	50.89	ug/l	99
40) Benzene	7.963	78	687014	51.28	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.088	41	120086m	46.91	ug/l	
42) 1,2-Dichloroethane	8.046	62	238077	50.86	ug/l	99
43) Isopropyl Acetate	8.089	43	414563	50.56	ug/l #	91
44) Trichloroethene	8.765	130	167906	48.67	ug/l	100
45) 1,2-Dichloropropane	9.049	63	185746	52.07	ug/l	100
46) Dibromomethane	9.137	93	121414	52.17	ug/l	99
47) Bromodichloromethane	9.336	83	244631	51.24	ug/l	98
48) Methyl methacrylate	9.135	41	191116	52.50	ug/l	98
49) 1,4-Dioxane	9.129	88	53478	1082.92	ug/l	97
51) 4-Methyl-2-Pentanone	9.918	43	1329334	272.96	ug/l	99
52) Toluene	10.092	92	431821	53.18	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	258217	51.89	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	279240	51.15	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	177093	53.06	ug/l	99
56) Ethyl methacrylate	10.368	69	253612	47.14	ug/l	96
57) 1,3-Dichloropropane	10.645	76	289800	52.75	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	198012	288.29	ug/l	100
59) 2-Hexanone	10.690	43	942331	240.62	ug/l	100
60) Dibromochloromethane	10.840	129	194399	52.63	ug/l	100
61) 1,2-Dibromoethane	10.945	107	181220	52.52	ug/l	99
64) Tetrachloroethene	10.572	164	151076	41.78	ug/l	99
65) Chlorobenzene	11.374	112	448521	49.99	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	172111	50.61	ug/l	100
67) Ethyl Benzene	11.452	91	819490	53.06	ug/l	100
68) m/p-Xylenes	11.565	106	617291	107.20	ug/l	99
69) o-Xylene	11.889	106	295956	52.85	ug/l	100
70) Styrene	11.908	104	490037	47.73	ug/l	99
71) Bromoform	12.071	173	144532	52.69	ug/l #	99
73) Isopropylbenzene	12.192	105	788312	52.59	ug/l	100
74) N-amyl acetate	12.018	43	222337	45.43	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	274415	49.14	ug/l	95
76) 1,2,3-Trichloropropane	12.498	75	244003m	52.39	ug/l	
77) Bromobenzene	12.468	156	198487	49.96	ug/l	99
78) n-propylbenzene	12.535	91	897171	53.40	ug/l	99
79) 2-Chlorotoluene	12.616	91	522673	51.22	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	662642	53.34	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.246	75	80355	49.20	ug/l	97
82) 4-Chlorotoluene	12.718	91	535029	53.09	ug/l	99
83) tert-Butylbenzene	12.938	119	562113	50.03	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	639418	53.17	ug/l	100
85) sec-Butylbenzene	13.115	105	740726	52.77	ug/l	99
86) p-Isopropyltoluene	13.233	119	652115	54.12	ug/l	100
87) 1,3-Dichlorobenzene	13.227	146	334977	49.15	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	338351	48.54	ug/l	98
89) n-Butylbenzene	13.560	91	520747	48.09	ug/l	99
90) Hexachloroethane	13.815	117	124522	49.47	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	334398	49.62	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.230	75	50499	48.09	ug/l	95
93) 1,2,4-Trichlorobenzene	14.981	180	188698	45.23	ug/l	100
94) Hexachlorobutadiene	15.105	225	103113	43.97	ug/l	98
95) Naphthalene	15.263	128	522538	43.48	ug/l	100
96) 1,2,3-Trichlorobenzene	15.499	180	186638	45.85	ug/l	99

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

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