

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033121\
 Data File : VN066446.D
 Acq On : 31 Mar 2021 17:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 4/1/2021 4:41:31 PM

Quant Time: Apr 01 01:38:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.585	168	414784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	651058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	620772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	285979	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	296397	53.75	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.50%			
35) Dibromofluoromethane	7.507	113	226078	52.38	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.76%			
50) Toluene-d8	10.028	98	884884	54.05	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 108.10%			
62) 4-Bromofluorobenzene	12.345	95	299578	52.68	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	240840	46.10	ug/l	99
3) Chloromethane	2.017	50	292155	52.96	ug/l	99
4) Vinyl Chloride	2.146	62	307685	51.46	ug/l	99
5) Bromomethane	2.518	94	207130	51.64	ug/l	99
6) Chloroethane	2.652	64	191273	51.32	ug/l	97
7) Trichlorofluoromethane	2.963	101	397071	48.29	ug/l	99
8) Diethyl Ether	3.344	74	169697	50.66	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.680	101	228889	49.31	ug/l	96
10) Methyl Iodide	3.867	142	291970	44.33	ug/l	99
11) Tert butyl alcohol	4.707	59	215525	256.30	ug/l #	84
12) 1,1-Dichloroethene	3.658	96	225371	47.41	ug/l	99
13) Acrolein	3.529	56	79587	172.71	ug/l	96
14) Allyl chloride	4.229	41	494484m	52.60	ug/l	
15) Acrylonitrile	4.881	53	632693	269.79	ug/l	99
16) Acetone	3.739	43	734033	246.39	ug/l	98
17) Carbon Disulfide	3.967	76	669754	47.72	ug/l	99
18) Methyl Acetate	4.237	43	455909	58.59	ug/l	99
19) Methyl tert-butyl Ether	4.945	73	686534	48.71	ug/l	99
20) Methylene Chloride	4.449	84	288936	55.52	ug/l	98
21) trans-1,2-Dichloroethene	4.929	96	201253	46.69	ug/l	96
22) Diisopropyl ether	5.857	45	764704	52.14	ug/l	100
23) Vinyl Acetate	5.798	43	3284037	262.99	ug/l	100
24) 1,1-Dichloroethane	5.745	63	400084	49.39	ug/l	100
25) 2-Butanone	6.748	43	879861	270.19	ug/l	99
26) 2,2-Dichloropropane	6.726	77	340927	47.23	ug/l	99
27) cis-1,2-Dichloroethene	6.732	96	244140	48.55	ug/l	100
28) Bromochloromethane	7.104	49	210972	51.68	ug/l	96
29) Tetrahydrofuran	7.129	42	592467	278.83	ug/l	98
30) Chloroform	7.284	83	408870	50.52	ug/l	97
31) Cyclohexane	7.571	56	353843	46.37	ug/l	95
32) 1,1,1-Trichloroethane	7.485	97	341993	48.09	ug/l	99
36) 1,1-Dichloropropene	7.711	75	291226	47.61	ug/l	100
37) Ethyl Acetate	6.842	43	362469	53.84	ug/l	99
38) Carbon Tetrachloride	7.692	117	284137	46.21	ug/l	99
39) Methylcyclohexane	9.011	83	351181	47.10	ug/l	99
40) Benzene	7.963	78	943239	51.06	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.086	41	174795	52.33	ug/l	91
42) 1,2-Dichloroethane	8.046	62	337313	50.98	ug/l	100
43) Isopropyl Acetate	8.094	43	615483	53.49	ug/l	99
44) Trichloroethene	8.765	130	234836	48.33	ug/l	99
45) 1,2-Dichloropropane	9.049	63	257075	52.24	ug/l	96
46) Dibromomethane	9.140	93	167672	51.97	ug/l	99
47) Bromodichloromethane	9.336	83	341750	51.30	ug/l	99
48) Methyl methacrylate	9.135	41	283712	51.82	ug/l	97
49) 1,4-Dioxane	9.135	88	61754	897.42	ug/l	99
51) 4-Methyl-2-Pentanone	9.921	43	1938920	288.33	ug/l	100
52) Toluene	10.092	92	589564	51.99	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	381795	52.76	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	404965	52.11	ug/l	96
55) 1,1,2-Trichloroethane	10.503	97	245694	53.89	ug/l	98
56) Ethyl methacrylate	10.371	69	375716	53.73	ug/l	98
57) 1,3-Dichloropropane	10.645	76	406565	53.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	157491	209.26	ug/l	99
59) 2-Hexanone	10.693	43	1394993	296.10	ug/l	99
60) Dibromochloromethane	10.843	129	270575	53.45	ug/l	100
61) 1,2-Dibromoethane	10.945	107	252344	53.09	ug/l	100
64) Tetrachloroethene	10.572	164	232676	44.04	ug/l	99
65) Chlorobenzene	11.374	112	616454	49.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.452	131	237972	49.94	ug/l	100
67) Ethyl Benzene	11.452	91	1116003	49.68	ug/l	100
68) m/p-Xylenes	11.562	106	813859	95.35	ug/l	99
69) o-Xylene	11.892	106	389347	47.27	ug/l	99
70) Styrene	11.905	104	649884	48.67	ug/l	99
71) Bromoform	12.069	173	199745	50.40	ug/l #	99
73) Isopropylbenzene	12.192	105	1029579	48.40	ug/l	100
74) N-amyl acetate	12.015	43	411301	49.22	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	351456	51.88	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	310490m	49.48	ug/l	
77) Bromobenzene	12.466	156	261688	48.72	ug/l	99
78) n-propylbenzene	12.535	91	1159913	50.15	ug/l	99
79) 2-Chlorotoluene	12.616	91	674457	47.42	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	820943	47.18	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.243	75	112334	53.83	ug/l	100
82) 4-Chlorotoluene	12.715	91	696343	49.20	ug/l	99
83) tert-Butylbenzene	12.935	119	694304	46.36	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	806460	47.71	ug/l	99
85) sec-Butylbenzene	13.115	105	935583	48.21	ug/l	100
86) p-Isopropyltoluene	13.233	119	815306	46.91	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	430364	47.75	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	434486	46.42	ug/l	99
89) n-Butylbenzene	13.557	91	686477	47.81	ug/l	99
90) Hexachloroethane	13.815	117	149542	47.71	ug/l	100
91) 1,2-Dichlorobenzene	13.595	146	414079	46.72	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.212	75	64222	49.44	ug/l	97
93) 1,2,4-Trichlorobenzene	14.850	180	256051	46.60	ug/l	100
94) Hexachlorobutadiene	14.949	225	128745	42.95	ug/l	99
95) Naphthalene	15.070	128	750675	46.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	251379	45.51	ug/l	99

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

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