

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066243.D
 Acq On : 17 Mar 2021 18:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 3/18/2021 2:19:33 PM

Quant Time: Mar 18 04:47:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	366240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	535551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	514838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	220972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	213533	40.47	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.94%		
35) Dibromofluoromethane	7.509	113	167959	49.16	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.32%		
50) Toluene-d8	10.028	98	671331	50.82	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.64%		
62) 4-Bromofluorobenzene	12.345	95	223186	46.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.74%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	144829	40.19	ug/l	99
3) Chloromethane	2.019	50	240172	41.32	ug/l	100
4) Vinyl Chloride	2.148	62	194744	37.44	ug/l	100
5) Bromomethane	2.513	94	111111	37.34	ug/l	95
6) Chloroethane	2.652	64	113151	37.61	ug/l	98
7) Trichlorofluoromethane	2.966	101	242428	39.81	ug/l	98
8) Diethyl Ether	3.344	74	92753	37.29	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.682	101	142304	44.11	ug/l	96
10) Methyl Iodide	3.870	142	204288	44.73	ug/l	96
11) Tert butyl alcohol	4.715	59	190159	211.12	ug/l	100
12) 1,1-Dichloroethene	3.661	96	139666	40.62	ug/l	96
13) Acrolein	3.535	56	141389	193.18	ug/l	98
14) Allyl chloride	4.232	41	370706	45.51	ug/l	98
15) Acrylonitrile	4.884	53	552849	204.96	ug/l	98
16) Acetone	3.741	43	485937	191.70	ug/l	94
17) Carbon Disulfide	3.969	76	416378	42.87	ug/l	99
18) Methyl Acetate	4.240	43	327322	46.15	ug/l	98
19) Methyl tert-butyl Ether	4.945	73	551347	41.94	ug/l	97
20) Methylene Chloride	4.455	84	181879	45.86	ug/l	92
21) trans-1,2-Dichloroethene	4.929	96	166575	43.72	ug/l	88
22) Diisopropyl ether	5.860	45	662055	39.56	ug/l	95
23) Vinyl Acetate	5.798	43	2732089	190.41	ug/l #	95
24) 1,1-Dichloroethane	5.745	63	347697	41.68	ug/l	98
25) 2-Butanone	6.748	43	746449	189.59	ug/l	92
26) 2,2-Dichloropropane	6.726	77	282606	40.99	ug/l	97
27) cis-1,2-Dichloroethene	6.734	96	198706	45.24	ug/l	87
28) Bromochloromethane	7.104	49	177483	40.25	ug/l #	78
29) Tetrahydrofuran	7.128	42	517730	190.96	ug/l	89
30) Chloroform	7.287	83	333569	43.80	ug/l	95
31) Cyclohexane	7.568	56	292493	37.01	ug/l	94
32) 1,1,1-Trichloroethane	7.485	97	274292	41.90	ug/l	96
36) 1,1-Dichloropropene	7.710	75	243126	44.83	ug/l	97
37) Ethyl Acetate	6.844	43	304534	39.29	ug/l #	95
38) Carbon Tetrachloride	7.692	117	235873	48.52	ug/l	97
39) Methylcyclohexane	9.011	83	273775	47.01	ug/l	94
40) Benzene	7.963	78	782809	48.09	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.083	41	139186	36.41	ug/l #	86
42) 1,2-Dichloroethane	8.048	62	258459	43.75	ug/l	94
43) Isopropyl Acetate	8.094	43	488254	40.73	ug/l #	93
44) Trichloroethene	8.767	130	202632	51.20	ug/l	90
45) 1,2-Dichloropropane	9.051	63	230880	49.00	ug/l	98
46) Dibromomethane	9.140	93	136170	51.87	ug/l	94
47) Bromodichloromethane	9.338	83	282577	49.36	ug/l	98
48) Methyl methacrylate	9.135	41	262943	46.28	ug/l	93
49) 1,4-Dioxane	9.137	88	57036	925.10	ug/l	92
51) 4-Methyl-2-Pentanone	9.923	43	1829465	252.55	ug/l	99
52) Toluene	10.092	92	492954	52.24	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	325470	50.28	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	332334	47.26	ug/l	97
55) 1,1,2-Trichloroethane	10.502	97	199222	51.54	ug/l	98
56) Ethyl methacrylate	10.371	69	318626	46.34	ug/l	94
57) 1,3-Dichloropropane	10.647	76	351921	50.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	222745	283.75	ug/l	96
59) 2-Hexanone	10.693	43	1296712	229.06	ug/l	97
60) Dibromochloromethane	10.843	129	212897	52.58	ug/l	99
61) 1,2-Dibromoethane	10.945	107	204121	53.03	ug/l	99
64) Tetrachloroethene	10.572	164	210171	49.22	ug/l	96
65) Chlorobenzene	11.374	112	524562	50.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.449	131	200293	51.76	ug/l	99
67) Ethyl Benzene	11.454	91	925341	50.51	ug/l	98
68) m/p-Xylenes	11.564	106	692891	101.93	ug/l	93
69) o-Xylene	11.892	106	322508	49.39	ug/l	92
70) Styrene	11.908	104	545614	45.18	ug/l	96
71) Bromoform	12.069	173	155232	50.59	ug/l #	98
73) Isopropylbenzene	12.192	105	840191	54.26	ug/l	96
74) N-amyl acetate	12.015	43	361678	42.41	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.447	83	267670	49.46	ug/l	99
76) 1,2,3-Trichloropropane	12.495	75	264340m	46.32	ug/l	
77) Bromobenzene	12.468	156	215641	53.09	ug/l	87
78) n-propylbenzene	12.535	91	918328	51.56	ug/l	95
79) 2-Chlorotoluene	12.618	91	543131	49.93	ug/l	95
80) 1,3,5-Trimethylbenzene	12.677	105	656517	51.10	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.243	75	92859	48.70	ug/l	90
82) 4-Chlorotoluene	12.715	91	558319	47.23	ug/l	95
83) tert-Butylbenzene	12.938	119	558688	49.86	ug/l	96
84) 1,2,4-Trimethylbenzene	12.983	105	634680	50.53	ug/l	94
85) sec-Butylbenzene	13.115	105	735082	51.17	ug/l	97
86) p-Isopropyltoluene	13.233	119	659772	52.36	ug/l	97
87) 1,3-Dichlorobenzene	13.225	146	349244	50.74	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	345300	47.90	ug/l	97
89) n-Butylbenzene	13.557	91	512944	41.01	ug/l	96
90) Hexachloroethane	13.815	117	108343	49.11	ug/l	91
91) 1,2-Dichlorobenzene	13.595	146	331795	48.93	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.212	75	49794	41.38	ug/l	86
93) 1,2,4-Trichlorobenzene	14.850	180	211406	47.72	ug/l	100
94) Hexachlorobutadiene	14.949	225	100316	46.58	ug/l	99
95) Naphthalene	15.070	128	596403	46.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	212197	48.09	ug/l	99

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

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