

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063761.D
 Acq On : 30 Sep 2020 19:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:40:52 PM

Quant Time: Oct 01 03:46:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	282970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	484053	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	454686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	242740	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
35) Dibromofluoromethane	7.55	113	168643	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
50) Toluene-d8	10.06	98	634397	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.38	95	248017	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	147783	49.495	ug/l	100
3) Chloromethane	2.04	50	177948	50.793	ug/l	98
4) Vinyl Chloride	2.16	62	172369	49.014	ug/l	98
5) Bromomethane	2.53	94	82653	37.365	ug/l	93
6) Chloroethane	2.67	64	106365	50.616	ug/l	98
7) Trichlorofluoromethane	2.98	101	272543	48.865	ug/l	97
8) Diethyl Ether	3.37	74	97042	51.446	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	142858	47.921	ug/l	99
10) Methyl Iodide	3.91	142	150195	43.392	ug/l	100
11) Tert butyl alcohol	4.73	59	126119	244.360	ug/l	99
12) 1,1-Dichloroethene	3.70	96	140390	49.269	ug/l	99
13) Acrolein	3.57	56	79478	250.905	ug/l	98
14) Allyl chloride	4.27	41	264294	49.926	ug/l	99
15) Acrylonitrile	4.93	53	370494	250.781	ug/l	99
16) Acetone	3.77	43	336857	234.079	ug/l	97
17) Carbon Disulfide	4.01	76	372857	48.435	ug/l	100
18) Methyl Acetate	4.28	43	202762	54.267	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	535101	51.689	ug/l	98
20) Methylene Chloride	4.51	84	163836	49.705	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	152978	47.931	ug/l	100
22) Diisopropyl ether	5.90	45	570449	52.376	ug/l	99
23) Vinyl Acetate	5.84	43	2334364	258.739	ug/l	99
24) 1,1-Dichloroethane	5.80	63	305133	48.998	ug/l	98
25) 2-Butanone	6.78	43	513639	251.753	ug/l	100
26) 2,2-Dichloropropane	6.78	77	245231	43.001	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	181905	49.556	ug/l	98
28) Bromochloromethane	7.15	49	150530	48.906	ug/l	99
29) Tetrahydrofuran	7.16	42	350850	256.398	ug/l	99
30) Chloroform	7.33	83	322921	49.732	ug/l	93
31) Cyclohexane	7.61	56	249214	45.919	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	297000	50.710	ug/l	99
36) 1,1-Dichloropropene	7.75	75	233825	47.681	ug/l	99
37) Ethyl Acetate	6.88	43	230250	47.259	ug/l	99
38) Carbon Tetrachloride	7.74	117	254854	46.346	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	223433	45.688	ug/l	99
40) Benzene	8.00	78	666096	47.555	ug/l	99
41) Methacrylonitrile	7.13	41	114094m	52.690	ug/l	
42) 1,2-Dichloroethane	8.09	62	288422	48.239	ug/l	99
43) Isopropyl Acetate	8.13	43	398122	49.540	ug/l	99
44) Trichloroethene	8.80	130	171408	46.705	ug/l	100
45) 1,2-Dichloropropane	9.08	63	180570	47.734	ug/l	99
46) Dibromomethane	9.17	93	125807	48.210	ug/l	97
47) Bromodichloromethane	9.37	83	258951	48.148	ug/l	97
48) Methyl methacrylate	9.17	41	202094	50.899	ug/l	98
49) 1,4-Dioxane	9.17	88	49975	885.626	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1182066	250.645	ug/l	100
52) Toluene	10.13	92	425076	49.064	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	286488	49.694	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	291900	48.414	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	170648	49.115	ug/l	99
56) Ethyl methacrylate	10.40	69	258528	52.494	ug/l	99
57) 1,3-Dichloropropane	10.68	76	291798	49.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	679770	258.038	ug/l	100
59) 2-Hexanone	10.72	43	859532	245.341	ug/l	100
60) Dibromochloromethane	10.87	129	195901	48.415	ug/l	99
61) 1,2-Dibromoethane	10.98	107	180989	50.924	ug/l	100
64) Tetrachloroethene	10.60	164	153952	43.764	ug/l	98
65) Chlorobenzene	11.41	112	451004	48.355	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	174653	48.844	ug/l	99
67) Ethyl Benzene	11.48	91	853909	50.313	ug/l	99
68) m/p-Xylenes	11.59	106	621786	98.301	ug/l	98
69) o-Xylene	11.92	106	301631	51.019	ug/l	100
70) Styrene	11.94	104	526521	52.465	ug/l	99
71) Bromoform	12.10	173	132479	48.443	ug/l #	96
73) Isopropylbenzene	12.23	105	803161	49.410	ug/l	99
74) N-amyl acetate	12.04	43	520113	68.009	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	244007	49.090	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	227418m	46.293	ug/l	
77) Bromobenzene	12.50	156	204447	51.258	ug/l	96
78) n-propylbenzene	12.57	91	929652	49.143	ug/l	99
79) 2-Chlorotoluene	12.65	91	566815	48.718	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	687180	50.391	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	82108	48.138	ug/l	99
82) 4-Chlorotoluene	12.75	91	603264	49.948	ug/l	100
83) tert-Butylbenzene	12.97	119	546354	48.979	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	703858	51.696	ug/l	98
85) sec-Butylbenzene	13.15	105	714611	48.775	ug/l	99
86) p-Isopropyltoluene	13.26	119	658441	50.801	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	352322	48.826	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	356680	47.474	ug/l	99
89) n-Butylbenzene	13.59	91	584779	48.883	ug/l	99
90) Hexachloroethane	13.85	117	118405	47.144	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	347134	48.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55887	47.943	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192534	49.557	ug/l	98
94) Hexachlorobutadiene	14.98	225	91001	46.964	ug/l	99
95) Naphthalene	15.10	128	657701	54.515	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	182049	48.351	ug/l	99

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

