

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063551.D
 Acq On : 22 Sep 2020 22:30
 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
 9/23/2020 1:06:33 PM

Quant Time: Sep 23 05:31:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	259953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	450998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198860	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	198069	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.52%		
35) Dibromofluoromethane	7.55	113	140909	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery =	90.26%		
50) Toluene-d8	10.06	98	527782	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.92%		
62) 4-Bromofluorobenzene	12.38	95	204783	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.16%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	132131	44.866	ug/l	97
3) Chloromethane	2.04	50	159535	40.949	ug/l	100
4) Vinyl Chloride	2.16	62	163256	47.297	ug/l	99
5) Bromomethane	2.53	94	97869	47.754	ug/l	100
6) Chloroethane	2.67	64	97798	46.156	ug/l	99
7) Trichlorofluoromethane	2.99	101	253930	49.307	ug/l	99
8) Diethyl Ether	3.38	74	93022	46.335	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	136068	46.981	ug/l	99
10) Methyl Iodide	3.91	142	176120	46.707	ug/l	98
11) Tert butyl alcohol	4.73	59	120327	196.282	ug/l	100
12) 1,1-Dichloroethene	3.70	96	133699	45.576	ug/l	98
13) Acrolein	3.56	56	79016	347.811	ug/l	100
14) Allyl chloride	4.28	41	229076	39.478	ug/l	89
15) Acrylonitrile	4.93	53	360700	231.315	ug/l	100
16) Acetone	3.77	43	319760	224.843	ug/l	97
17) Carbon Disulfide	4.01	76	356799	41.814	ug/l	99
18) Methyl Acetate	4.27	43	173133	47.955	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	490099	44.826	ug/l	99
20) Methylene Chloride	4.51	84	162431	45.080	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	148804	45.784	ug/l	93
22) Diisopropyl ether	5.90	45	542117	45.809	ug/l	98
23) Vinyl Acetate	5.84	43	2232501	229.702	ug/l	99
24) 1,1-Dichloroethane	5.80	63	297252	46.007	ug/l	100
25) 2-Butanone	6.78	43	488401	223.296	ug/l	100
26) 2,2-Dichloropropane	6.78	77	221716	38.976	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	174361	47.397	ug/l	97
28) Bromochloromethane	7.15	49	137756	46.177	ug/l	98
29) Tetrahydrofuran	7.16	42	326373	218.480	ug/l	99
30) Chloroform	7.33	83	311211	48.010	ug/l	99
31) Cyclohexane	7.61	56	246887	40.397	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	270667	46.946	ug/l	99
36) 1,1-Dichloropropene	7.75	75	218237	45.421	ug/l	99
37) Ethyl Acetate	6.88	43	218139	46.258	ug/l	97
38) Carbon Tetrachloride	7.73	117	233836	47.676	ug/l	97

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39) Methylcyclohexane	9.05	83	220335	42.253	ug/l	98
40) Benzene	8.00	78	645479	47.061	ug/l	99
41) Methacrylonitrile	7.14	41	114740m	54.099	ug/l	
42) 1,2-Dichloroethane	8.08	62	261607	47.429	ug/l	100
43) Isopropyl Acetate	8.13	43	370812	43.976	ug/l #	89
44) Trichloroethene	8.80	130	157963	47.483	ug/l	96
45) 1,2-Dichloropropane	9.08	63	174924	46.826	ug/l	99
46) Dibromomethane	9.17	93	120784	49.194	ug/l	97
47) Bromodichloromethane	9.37	83	250845	49.179	ug/l	98
48) Methyl methacrylate	9.16	41	183171	44.215	ug/l	97
49) 1,4-Dioxane	9.17	88	49078	825.524	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1103003	233.659	ug/l	99
52) Toluene	10.13	92	400936	48.620	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	261029	45.840	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	274668	45.729	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	162231	49.528	ug/l	99
56) Ethyl methacrylate	10.40	69	243564	47.632	ug/l	98
57) 1,3-Dichloropropane	10.68	76	276282	46.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	626900	233.707	ug/l	97
59) 2-Hexanone	10.72	43	800963	234.205	ug/l	100
60) Dibromochloromethane	10.87	129	177210	47.889	ug/l	100
61) 1,2-Dibromoethane	10.98	107	167717	49.285	ug/l	100
64) Tetrachloroethene	10.60	164	143945	50.219	ug/l	98
65) Chlorobenzene	11.41	112	424844	47.546	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	160456	48.988	ug/l	99
67) Ethyl Benzene	11.49	91	800094	47.548	ug/l	100
68) m/p-Xylenes	11.60	106	579717	95.552	ug/l	99
69) o-Xylene	11.92	106	279096	48.291	ug/l	100
70) Styrene	11.94	104	483078	49.843	ug/l	98
71) Bromoform	12.10	173	116342	47.679	ug/l #	97
73) Isopropylbenzene	12.22	105	757566	47.540	ug/l	100
74) N-amyl acetate	12.05	43	332825	44.121	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	228722	46.355	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	245191m	49.815	ug/l	
77) Bromobenzene	12.50	156	178555	49.812	ug/l	95
78) n-propylbenzene	12.57	91	885060	47.685	ug/l	100
79) 2-Chlorotoluene	12.65	91	532936	47.900	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	648229	48.782	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	75631	42.127	ug/l	96
82) 4-Chlorotoluene	12.75	91	562697	47.867	ug/l	99
83) tert-Butylbenzene	12.97	119	515267	46.982	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	647816	48.265	ug/l	99
85) sec-Butylbenzene	13.15	105	684214	46.607	ug/l	100
86) p-Isopropyltoluene	13.26	119	614316	47.444	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	321225	48.349	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	321296	47.565	ug/l	99
89) n-Butylbenzene	13.59	91	549938	46.077	ug/l	98
90) Hexachloroethane	13.85	117	111427	45.193	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	316757	48.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	51256	43.624	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	176408	45.874	ug/l	99
94) Hexachlorobutadiene	14.98	225	79832	50.146	ug/l	99
95) Naphthalene	15.10	128	569300	44.810	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	168819	45.436	ug/l	98

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

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