

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063084.D
 Acq On : 21 Aug 2020 16:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 8/24/2020 5:52:31 PM

Quant Time: Aug 22 01:50:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	159885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	240955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	224911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	98153	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	7.55	113	79703	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.06	98	312316	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
62) 4-Bromofluorobenzene	12.38	95	103795	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	103636	49.616	ug/l	100
3) Chloromethane	2.04	50	114494	52.227	ug/l	100
4) Vinyl Chloride	2.16	62	114103	53.820	ug/l	98
5) Bromomethane	2.48	94	40843	32.457	ug/l	99
6) Chloroethane	2.59	64	38313	30.608	ug/l	99
7) Trichlorofluoromethane	2.91	101	140589	53.175	ug/l	98
8) Diethyl Ether	3.36	74	48269	51.607	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.68	101	70374	49.397	ug/l	98
10) Methyl Iodide	3.88	142	87287	48.337	ug/l	98
11) Tert butyl alcohol	4.80	59	31630	117.842	ug/l #	74
12) 1,1-Dichloroethene	3.66	96	65525	48.281	ug/l	93
13) Acrolein	3.56	56	13357	158.850	ug/l	99
14) Allyl chloride	4.25	41	120929	50.536	ug/l	100
15) Acrylonitrile	4.94	53	207251	262.707	ug/l	100
16) Acetone	3.79	43	135072	228.240	ug/l	100
17) Carbon Disulfide	3.98	76	164789	46.363	ug/l	98
18) Methyl Acetate	4.28	43	102630	54.500	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	261688	55.290	ug/l	99
20) Methylene Chloride	4.49	84	88127	52.825	ug/l	98
21) trans-1,2-Dichloroethene	4.97	96	71531	50.364	ug/l	97
22) Diisopropyl ether	5.90	45	308644	56.839	ug/l	98
23) Vinyl Acetate	5.84	43	969725	264.638	ug/l	100
24) 1,1-Dichloroethane	5.79	63	158386	52.196	ug/l	99
25) 2-Butanone	6.79	43	229668	228.292	ug/l	99
26) 2,2-Dichloropropane	6.77	77	116870	48.974	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	90940	51.084	ug/l	98
28) Bromochloromethane	7.14	49	78237	49.277	ug/l	97
29) Tetrahydrofuran	7.17	42	163164	251.297	ug/l	99
30) Chloroform	7.33	83	158640	51.910	ug/l	99
31) Cyclohexane	7.61	56	137565	49.256	ug/l	98
32) 1,1,1-Trichloroethane	7.52	97	129111	51.749	ug/l	99
36) 1,1-Dichloropropene	7.75	75	106597	50.200	ug/l	99
37) Ethyl Acetate	6.88	43	100884	50.704	ug/l	99
38) Carbon Tetrachloride	7.73	117	106391	49.628	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	119094	41.807	ug/l	98
40) Benzene	8.00	78	350725	52.077	ug/l	99
41) Methacrylonitrile	7.12	41	48818	51.497	ug/l	98
42) 1,2-Dichloroethane	8.08	62	120297	53.197	ug/l	99
43) Isopropyl Acetate	8.13	43	170575	51.748	ug/l #	90
44) Trichloroethene	8.80	130	82608	49.311	ug/l	99
45) 1,2-Dichloropropane	9.08	63	103828	53.334	ug/l	100
46) Dibromomethane	9.17	93	58949	52.417	ug/l	99
47) Bromodichloromethane	9.37	83	129585	52.609	ug/l	100
48) Methyl methacrylate	9.17	41	83153	53.316	ug/l	98
49) 1,4-Dioxane	9.17	88	9757	295.238	ug/l #	87
51) 4-Methyl-2-Pentanone	9.96	43	532475	255.563	ug/l	100
52) Toluene	10.12	92	216164	53.208	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	136990	53.780	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	152631	54.623	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	90514	52.105	ug/l	99
56) Ethyl methacrylate	10.40	69	127683	47.674	ug/l	98
57) 1,3-Dichloropropane	10.68	76	153815	53.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	181456	276.814	ug/l	99
59) 2-Hexanone	10.73	43	365323	251.372	ug/l	99
60) Dibromochloromethane	10.88	129	98455	51.214	ug/l	99
61) 1,2-Dibromoethane	10.98	107	89004	53.323	ug/l	99
64) Tetrachloroethene	10.60	164	72174	48.818	ug/l	99
65) Chlorobenzene	11.41	112	230915	51.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	92609	52.710	ug/l	99
67) Ethyl Benzene	11.49	91	409149	53.606	ug/l	100
68) m/p-Xylenes	11.60	106	308726	108.831	ug/l	100
69) o-Xylene	11.92	106	144653	53.102	ug/l	98
70) Styrene	11.94	104	263005	48.704	ug/l	99
71) Bromoform	12.10	173	70393	50.336	ug/l #	99
73) Isopropylbenzene	12.23	105	385020	52.928	ug/l	99
74) N-amyl acetate	12.05	43	152046	58.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	129633	55.406	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	102983m	49.875	ug/l	
77) Bromobenzene	12.50	156	102881	51.423	ug/l	98
78) n-propylbenzene	12.57	91	439809	53.043	ug/l	99
79) 2-Chlorotoluene	12.65	91	264773	50.769	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	318541	52.972	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	41816	55.620	ug/l	99
82) 4-Chlorotoluene	12.75	91	277487	52.252	ug/l	100
83) tert-Butylbenzene	12.97	119	259950	50.085	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	302797	51.687	ug/l	100
85) sec-Butylbenzene	13.15	105	341582	48.697	ug/l	100
86) p-Isopropyltoluene	13.26	119	290367	47.508	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	177985	51.765	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	176005	50.434	ug/l	99
89) n-Butylbenzene	13.59	91	224047	39.304	ug/l	100
90) Hexachloroethane	13.85	117	58340	44.909	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	176732	53.212	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	21702	59.237	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	82548	45.307	ug/l	99
94) Hexachlorobutadiene	14.99	225	48654	39.643	ug/l	100
95) Naphthalene	15.10	128	195756	46.617	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	79861	44.707	ug/l	98

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

