

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061475.D
 Acq On : 19 May 2020 11:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/22/2020 11:28:47 AM

Quant Time: May 20 08:56:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	302080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	534394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	511194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	251471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	213569	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
35) Dibromofluoromethane	7.54	113	141230	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.06	98	672022	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.37	95	259981	53.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	126591	50.399	ug/l	100
3) Chloromethane	2.03	50	186501	45.523	ug/l	100
4) Vinyl Chloride	2.16	62	281650	48.036	ug/l	100
5) Bromomethane	2.53	94	156495	53.023	ug/l	97
6) Chloroethane	2.67	64	184078	46.645	ug/l	99
7) Trichlorofluoromethane	2.98	101	359996	50.573	ug/l	100
8) Diethyl Ether	3.37	74	97613	47.079	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	148381	50.126	ug/l	99
10) Methyl Iodide	3.91	142	175288	48.754	ug/l	100
11) Tert butyl alcohol	4.73	59	132974	255.980	ug/l	99
12) 1,1-Dichloroethene	3.69	96	149059	48.139	ug/l	95
13) Acrolein	3.56	56	81889	218.517	ug/l	99
14) Allyl chloride	4.27	41	216711	43.005	ug/l	91
15) Acrylonitrile	4.92	53	362948	235.830	ug/l	100
16) Acetone	3.77	43	344893	301.379	ug/l	99
17) Carbon Disulfide	4.01	76	333947	50.281	ug/l	100
18) Methyl Acetate	4.27	43	144981	46.824	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	562160	47.842	ug/l	98
20) Methylene Chloride	4.50	84	176288	47.578	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	177789	49.794	ug/l	99
22) Diisopropyl ether	5.90	45	541931	47.858	ug/l	97
23) Vinyl Acetate	5.84	43	2165173	240.448	ug/l	98
24) 1,1-Dichloroethane	5.79	63	323112	48.921	ug/l	99
25) 2-Butanone	6.78	43	498865	243.027	ug/l	96
26) 2,2-Dichloropropane	6.77	77	314445	49.941	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	217809	51.643	ug/l	95
28) Bromochloromethane	7.15	49	139135	49.629	ug/l	93
29) Tetrahydrofuran	7.16	42	309952	227.997	ug/l	95
30) Chloroform	7.33	83	356237	51.640	ug/l	100
31) Cyclohexane	7.61	56	280598	48.159	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	323966	51.392	ug/l	98
36) 1,1-Dichloropropene	7.75	75	262899	52.613	ug/l	99
37) Ethyl Acetate	6.88	43	207080	45.697	ug/l	100
38) Carbon Tetrachloride	7.73	117	254428	55.297	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	293176	48.037	ug/l	97
40) Benzene	8.00	78	789847	52.452	ug/l	99
41) Methacrylonitrile	7.12	41	90647	47.361	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	277476	51.145	ug/l	99
43) Isopropyl Acetate	8.12	43	382603	48.409	ug/l	99
44) Trichloroethene	8.80	130	220970	56.003	ug/l	99
45) 1,2-Dichloropropane	9.08	63	196945	52.252	ug/l	99
46) Dibromomethane	9.17	93	139756	52.892	ug/l	97
47) Bromodichloromethane	9.37	83	294522	52.904	ug/l	98
48) Methyl methacrylate	9.16	41	170950	46.821	ug/l	97
49) 1,4-Dioxane	9.16	88	47900	1257.001	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1070828	248.710	ug/l	99
52) Toluene	10.12	92	532767	55.108	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	327605	53.690	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	345049	53.196	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	199505	54.584	ug/l	98
56) Ethyl methacrylate	10.40	69	307296	53.778	ug/l	97
57) 1,3-Dichloropropane	10.68	76	337686	53.460	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	435405	173.593	ug/l	97
59) 2-Hexanone	10.72	43	800674	257.038	ug/l	99
60) Dibromochloromethane	10.87	129	225522	55.780	ug/l	99
61) 1,2-Dibromoethane	10.98	107	211378	55.003	ug/l	100
64) Tetrachloroethene	10.60	164	210795	53.301	ug/l	98
65) Chlorobenzene	11.40	112	561245	53.839	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	205387	54.958	ug/l	98
67) Ethyl Benzene	11.48	91	1040635	54.688	ug/l	97
68) m/p-Xylenes	11.59	106	806269	111.629	ug/l	98
69) o-Xylene	11.92	106	383524	54.871	ug/l	97
70) Styrene	11.94	104	662941	57.276	ug/l	98
71) Bromoform	12.10	173	145796	50.162	ug/l #	98
73) Isopropylbenzene	12.22	105	1000462	49.557	ug/l	99
74) N-amyl acetate	12.04	43	346088	46.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	268580	48.356	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	230573m	42.731	ug/l	
77) Bromobenzene	12.50	156	232168	52.991	ug/l	93
78) n-propylbenzene	12.56	91	1149226	49.962	ug/l	98
79) 2-Chlorotoluene	12.65	91	678171	49.880	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	836696	50.618	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	100982	49.645	ug/l	97
82) 4-Chlorotoluene	12.75	91	727234	51.657	ug/l	99
83) tert-Butylbenzene	12.97	119	678808	47.942	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	853188	51.575	ug/l	99
85) sec-Butylbenzene	13.15	105	908562	47.455	ug/l	100
86) p-Isopropyltoluene	13.26	119	839462	49.377	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	432632	53.956	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	438697	54.632	ug/l	99
89) n-Butylbenzene	13.59	91	731580	47.365	ug/l	99
90) Hexachloroethane	13.85	117	109697	47.609	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	407566	52.990	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54257	48.359	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	220257	52.814	ug/l	99
94) Hexachlorobutadiene	14.98	225	78022	42.105	ug/l	99
95) Naphthalene	15.10	128	711931	53.697	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	205569	49.515	ug/l	99

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

