

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061197.D
 Acq On : 29 Apr 2020 17:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:11:03 PM

Quant Time: Apr 30 03:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	97659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	166303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	159194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	78360	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	50233	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.06	98	211293	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.37	95	80053	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52223	50.428	ug/l	99
3) Chloromethane	2.03	50	61570	49.090	ug/l	97
4) Vinyl Chloride	2.16	62	71122	49.925	ug/l	99
5) Bromomethane	2.53	94	34629	49.176	ug/l	99
6) Chloroethane	2.67	64	45391	50.270	ug/l	100
7) Trichlorofluoromethane	2.98	101	82408	51.274	ug/l	97
8) Diethyl Ether	3.37	74	33362	49.765	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	50378	48.655	ug/l	100
10) Methyl Iodide	3.91	142	62769	47.171	ug/l	99
11) Tert butyl alcohol	4.73	59	55741	269.280	ug/l	99
12) 1,1-Dichloroethene	3.69	96	49335	47.880	ug/l	96
13) Acrolein	3.56	56	30728	222.754	ug/l	99
14) Allyl chloride	4.27	41	100236	52.466	ug/l	98
15) Acrylonitrile	4.93	53	159601	251.167	ug/l	99
16) Acetone	3.77	43	142269	237.786	ug/l	100
17) Carbon Disulfide	4.01	76	133321	46.841	ug/l	99
18) Methyl Acetate	4.27	43	85349	43.840	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	187267	47.563	ug/l	100
20) Methylene Chloride	4.50	84	57222	47.490	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	55227	49.222	ug/l	99
22) Diisopropyl ether	5.90	45	213694	48.234	ug/l	99
23) Vinyl Acetate	5.84	43	888490	249.072	ug/l	99
24) 1,1-Dichloroethane	5.80	63	112045	48.405	ug/l	99
25) 2-Butanone	6.78	43	229031	250.476	ug/l	99
26) 2,2-Dichloropropane	6.78	77	95093	48.773	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	64430	48.934	ug/l	100
28) Bromochloromethane	7.15	49	52479	47.832	ug/l	100
29) Tetrahydrofuran	7.17	42	156881	254.698	ug/l	99
30) Chloroform	7.33	83	114654	48.877	ug/l	99
31) Cyclohexane	7.61	56	101162	45.001	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	100722	49.309	ug/l	99
36) 1,1-Dichloropropene	7.75	75	85415	51.307	ug/l	99
37) Ethyl Acetate	6.88	43	97544	49.980	ug/l	99
38) Carbon Tetrachloride	7.73	117	76379	50.272	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	94732	50.741	ug/l	100
40) Benzene	8.00	78	247647	49.931	ug/l	98
41) Methacrylonitrile	7.13	41	42575m	52.540	ug/l	
42) 1,2-Dichloroethane	8.08	62	97599	51.944	ug/l	98
43) Isopropyl Acetate	8.13	43	163926	50.610	ug/l #	92
44) Trichloroethene	8.80	130	64641	48.212	ug/l	98
45) 1,2-Dichloropropane	9.08	63	65698	49.582	ug/l	99
46) Dibromomethane	9.17	93	43433	52.939	ug/l	99
47) Bromodichloromethane	9.37	83	91686	52.066	ug/l	100
48) Methyl methacrylate	9.17	41	76484	52.329	ug/l	96
49) 1,4-Dioxane	9.17	88	20068	1209.567	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	505349	265.062	ug/l	100
52) Toluene	10.12	92	154531	51.727	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	103568	52.196	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	106167	50.610	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	60228	50.544	ug/l	99
56) Ethyl methacrylate	10.40	69	97432	47.090	ug/l	99
57) 1,3-Dichloropropane	10.68	76	107894	51.513	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	249437	258.610	ug/l	99
59) 2-Hexanone	10.72	43	375344	270.608	ug/l	99
60) Dibromochloromethane	10.87	129	65970	52.860	ug/l	100
61) 1,2-Dibromoethane	10.98	107	63047	52.789	ug/l	99
64) Tetrachloroethene	10.60	164	65967	47.844	ug/l	99
65) Chlorobenzene	11.41	112	159098	50.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	59827	52.933	ug/l	98
67) Ethyl Benzene	11.48	91	303245	51.297	ug/l	100
68) m/p-Xylenes	11.60	106	222658	102.902	ug/l	98
69) o-Xylene	11.92	106	106240	51.115	ug/l	99
70) Styrene	11.94	104	181906	52.291	ug/l	99
71) Bromoform	12.10	173	45658	54.966	ug/l #	100
73) Isopropylbenzene	12.22	105	291084	48.276	ug/l	100
74) N-amyl acetate	12.04	43	149770	49.053	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	92632	49.270	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	84016m	48.588	ug/l	
77) Bromobenzene	12.50	156	66955	48.104	ug/l	98
78) n-propylbenzene	12.56	91	349305	48.842	ug/l	100
79) 2-Chlorotoluene	12.65	91	203362	48.378	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	246921	49.479	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	33698	49.490	ug/l	98
82) 4-Chlorotoluene	12.75	91	216781	48.930	ug/l	99
83) tert-Butylbenzene	12.97	119	206598	49.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	250963	48.812	ug/l	100
85) sec-Butylbenzene	13.15	105	283958	49.496	ug/l	99
86) p-Isopropyltoluene	13.26	119	257513	49.819	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	124702	48.667	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	125286	47.855	ug/l	100
89) n-Butylbenzene	13.59	91	237126	50.041	ug/l	99
90) Hexachloroethane	13.85	117	26925	49.949	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	120793	49.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20538	51.723	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	71057	47.494	ug/l	100
94) Hexachlorobutadiene	14.98	225	31018	49.627	ug/l	97
95) Naphthalene	15.10	128	232948	47.810	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	69947	47.354	ug/l	100

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

