

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061944.D
 Acq On : 19 Jun 2020 11:18
 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

MMDadoda
 6/22/2020 1:25:05 PM

Quant Time: Jun 20 07:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	186326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	313212	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	295659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147451	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	112267	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
35) Dibromofluoromethane	7.54	113	93776	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
50) Toluene-d8	10.06	98	373368	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
62) 4-Bromofluorobenzene	12.37	95	130722	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	119747	49.396	ug/l	98
3) Chloromethane	2.03	50	117332	45.367	ug/l	99
4) Vinyl Chloride	2.16	62	146851	47.629	ug/l	100
5) Bromomethane	2.52	94	105031	44.361	ug/l	97
6) Chloroethane	2.66	64	96994	46.483	ug/l	98
7) Trichlorofluoromethane	2.98	101	178316	48.418	ug/l	99
8) Diethyl Ether	3.37	74	62724	50.661	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	95283	50.430	ug/l	99
10) Methyl Iodide	3.91	142	118942	51.931	ug/l	99
11) Tert butyl alcohol	4.73	59	75117	217.228	ug/l	97
12) 1,1-Dichloroethene	3.69	96	93630	49.457	ug/l	99
13) Acrolein	3.56	56	55394	268.025	ug/l	99
14) Allyl chloride	4.27	41	125038	49.764	ug/l	98
15) Acrylonitrile	4.92	53	210920	246.163	ug/l	99
16) Acetone	3.77	43	217404	294.533	ug/l	100
17) Carbon Disulfide	4.00	76	259753	46.892	ug/l	99
18) Methyl Acetate	4.27	43	101314	47.675	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	310126	49.200	ug/l	100
20) Methylene Chloride	4.50	84	108707	45.204	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	102293	47.042	ug/l	100
22) Diisopropyl ether	5.90	45	284596	49.525	ug/l	99
23) Vinyl Acetate	5.84	43	1137011	251.570	ug/l	99
24) 1,1-Dichloroethane	5.79	63	181288	48.192	ug/l	97
25) 2-Butanone	6.78	43	279470	259.505	ug/l	98
26) 2,2-Dichloropropane	6.77	77	160649	50.760	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	120730	48.118	ug/l	98
28) Bromochloromethane	7.15	49	86025	51.361	ug/l	98
29) Tetrahydrofuran	7.16	42	173602	244.945	ug/l	99
30) Chloroform	7.32	83	188167	46.804	ug/l	99
31) Cyclohexane	7.61	56	153336	46.563	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	163534	47.763	ug/l	99
36) 1,1-Dichloropropene	7.75	75	143104	50.092	ug/l	99
37) Ethyl Acetate	6.88	43	114083	51.137	ug/l	100
38) Carbon Tetrachloride	7.73	117	140562	49.685	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	167965	54.601	ug/l	98
40) Benzene	8.00	78	431968	49.915	ug/l	98
41) Methacrylonitrile	7.12	41	49945	52.355	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	147560	50.007	ug/l	100
43) Isopropyl Acetate	8.12	43	197400	52.505	ug/l	100
44) Trichloroethene	8.80	130	112759	49.510	ug/l	100
45) 1,2-Dichloropropane	9.08	63	108986	51.246	ug/l	100
46) Dibromomethane	9.17	93	74527	49.764	ug/l	99
47) Bromodichloromethane	9.37	83	155494	50.705	ug/l	98
48) Methyl methacrylate	9.17	41	90235	52.777	ug/l	97
49) 1,4-Dioxane	9.17	88	38621	983.886	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	581794	261.870	ug/l	100
52) Toluene	10.12	92	284024	52.258	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	172857	53.098	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	188153	53.212	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	110477	51.664	ug/l	99
56) Ethyl methacrylate	10.40	69	156625	48.070	ug/l	98
57) 1,3-Dichloropropane	10.68	76	187607	51.786	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	238158	211.026	ug/l	98
59) 2-Hexanone	10.72	43	439025	247.490	ug/l	99
60) Dibromochloromethane	10.87	129	121493	50.917	ug/l	99
61) 1,2-Dibromoethane	10.98	107	112073	50.192	ug/l	100
64) Tetrachloroethene	10.60	164	94255	50.018	ug/l	99
65) Chlorobenzene	11.40	112	301667	48.354	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	107030	49.191	ug/l	98
67) Ethyl Benzene	11.48	91	535774	51.221	ug/l	100
68) m/p-Xylenes	11.59	106	419593	104.030	ug/l	99
69) o-Xylene	11.92	106	198462	51.570	ug/l	98
70) Styrene	11.94	104	339470	52.682	ug/l	100
71) Bromoform	12.10	173	79873	50.346	ug/l #	100
73) Isopropylbenzene	12.22	105	526536	50.251	ug/l	99
74) N-amyl acetate	12.04	43	178428	47.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	163408	47.967	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	128048m	44.233	ug/l	
77) Bromobenzene	12.50	156	126346	47.795	ug/l	98
78) n-propylbenzene	12.56	91	607372	50.801	ug/l	100
79) 2-Chlorotoluene	12.65	91	352596	49.104	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	442859	51.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	55019	51.837	ug/l	99
82) 4-Chlorotoluene	12.75	91	371488	50.067	ug/l	99
83) tert-Butylbenzene	12.97	119	363319	49.437	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	438879	51.288	ug/l	100
85) sec-Butylbenzene	13.15	105	500021	51.982	ug/l	99
86) p-Isopropyltoluene	13.26	119	450005	52.501	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	233665	48.465	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	232832	47.178	ug/l	99
89) n-Butylbenzene	13.59	91	384844	53.762	ug/l	99
90) Hexachloroethane	13.85	117	80008	50.993	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	224410	48.348	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26981	48.786	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	113213	51.690	ug/l	99
94) Hexachlorobutadiene	14.98	225	48593	56.331	ug/l	98
95) Naphthalene	15.10	128	318230	43.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	111033	51.188	ug/l	99

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

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