

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112118\
 Data File : VN052426.D
 Acq On : 21 Nov 2018 9:43
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 4:56:25 PM

Quant Time: Nov 22 00:08:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	282252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	465960	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	195851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	205730	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	7.59	113	151654	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	592331	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.40	95	205735	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	141094	47.17	ug/l	97
3) Chloromethane	2.06	50	180478	43.42	ug/l	99
4) Vinyl Chloride	2.19	62	166031	46.21	ug/l	98
5) Bromomethane	2.57	94	98447	43.95	ug/l	100
6) Chloroethane	2.71	64	96154	47.33	ug/l	95
7) Trichlorofluoromethane	3.02	101	255184	51.33	ug/l	96
8) Diethyl Ether	3.41	74	81515	43.02	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.76	101	150415	47.91	ug/l	98
10) Methyl Iodide	3.96	142	167898	39.83	ug/l	95
11) Tert butyl alcohol	4.77	59	38037	180.67	ug/l	98
12) 1,1-Dichloroethene	3.74	96	129321	44.51	ug/l	96
13) Acrolein	3.61	56	82006	257.53	ug/l	99
14) Allyl chloride	4.33	41	293122	49.13	ug/l	93
15) Acrylonitrile	4.98	53	259003	215.45	ug/l	99
16) Acetone	3.81	43	274273	249.88	ug/l	92
17) Carbon Disulfide	4.06	76	396569	47.60	ug/l	99
18) Methyl Acetate	4.32	43	136661	44.48	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	382508	45.81	ug/l	99
20) Methylene Chloride	4.55	84	154721	46.28	ug/l	95
21) trans-1,2-Dichloroethene	5.04	96	143474	45.86	ug/l	95
22) Diisopropyl ether	5.95	45	609165	50.04	ug/l	98
23) Vinyl Acetate	5.90	43	1907698	231.02	ug/l	99
24) 1,1-Dichloroethane	5.85	63	312532	47.88	ug/l	100
25) 2-Butanone	6.83	43	353960	229.11	ug/l	96
26) 2,2-Dichloropropane	6.82	77	233036	48.55	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	169181	46.46	ug/l	94
28) Bromochloromethane	7.19	49	165695	49.37	ug/l	97
29) Tetrahydrofuran	7.21	42	213409	210.27	ug/l	99
30) Chloroform	7.37	83	311413	50.06	ug/l	95
31) Cyclohexane	7.65	56	292903	48.30	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	262375	49.51	ug/l	97
36) 1,1-Dichloropropene	7.79	75	240227	51.44	ug/l	98
37) Ethyl Acetate	6.93	43	145329	42.88	ug/l	96
38) Carbon Tetrachloride	7.77	117	227528	53.03	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	273726	51.34	ug/l	97
40) Benzene	8.04	78	652764	48.93	ug/l	96
41) Methacrylonitrile	7.17	41	81432	43.76	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	255950	53.80	ug/l	98
43) Isopropyl Acetate	8.16	43	274007	41.89	ug/l	99
44) Trichloroethene	8.83	130	164050	49.92	ug/l	100
45) 1,2-Dichloropropane	9.12	63	185662	49.03	ug/l	98
46) Dibromomethane	9.21	93	106144	48.42	ug/l	96
47) Bromodichloromethane	9.40	83	241875	53.77	ug/l	100
48) Methyl methacrylate	9.20	41	142328	42.89	ug/l	96
49) 1,4-Dioxane	9.20	88	22034	864.87	ug/l #	90
51) 4-Methyl-2-Pentanone	9.98	43	766555	232.83	ug/l	99
52) Toluene	10.16	92	400882	50.23	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	226707	49.97	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	266587	51.55	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	138120	47.74	ug/l	97
56) Ethyl methacrylate	10.43	69	172791	45.41	ug/l	94
57) 1,3-Dichloropropane	10.71	76	252527	49.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	526649	243.10	ug/l	98
59) 2-Hexanone	10.75	43	535595	236.51	ug/l	98
60) Dibromochloromethane	10.90	129	160250	51.19	ug/l	99
61) 1,2-Dibromoethane	11.01	107	133995	46.49	ug/l	99
64) Tetrachloroethene	10.63	164	148810	49.79	ug/l	99
65) Chlorobenzene	11.43	112	441230	49.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	152903	50.46	ug/l	99
67) Ethyl Benzene	11.51	91	797090	51.69	ug/l	100
68) m/p-Xylenes	11.62	106	587914	104.34	ug/l	97
69) o-Xylene	11.95	106	281947	52.20	ug/l	97
70) Styrene	11.96	104	461975	53.42	ug/l	99
71) Bromoform	12.13	173	92698	51.82	ug/l #	97
73) Isopropylbenzene	12.25	105	783607	49.76	ug/l	98
74) N-amyl acetate	12.07	43	228937	40.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	165086	43.37	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	144808m	43.57	ug/l	
77) Bromobenzene	12.53	156	172419	47.06	ug/l	99
78) n-propylbenzene	12.59	91	940749	51.08	ug/l	98
79) 2-Chlorotoluene	12.68	91	532793	49.52	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	638483	50.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	44950	43.87	ug/l	91
82) 4-Chlorotoluene	12.77	91	550962	49.99	ug/l	97
83) tert-Butylbenzene	12.99	119	558515	50.52	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	646398	51.42	ug/l	99
85) sec-Butylbenzene	13.17	105	778946	51.72	ug/l	100
86) p-Isopropyltoluene	13.29	119	664425	52.08	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	321737	49.45	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	311573	48.16	ug/l	100
89) n-Butylbenzene	13.62	91	605075	55.23	ug/l	100
90) Hexachloroethane	13.88	117	117514	52.01	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	304585	48.32	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25662	45.72	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	143018	48.81	ug/l	99
94) Hexachlorobutadiene	15.01	225	76453	52.99	ug/l	99
95) Naphthalene	15.13	128	289472	42.18	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	124812	52.10	ug/l	98

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

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