

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052351.D
 Acq On : 16 Nov 2018 8:16
 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
 11/19/2018 12:45:36 PM

Quant Time: Nov 16 22:57:30 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	273930	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	449833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	411266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191617	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	186712	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
35) Dibromofluoromethane	7.59	113	147213	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.09	98	574381	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.40	95	194754	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	148409	51.127	ug/l	98
3) Chloromethane	2.06	50	196368	48.679	ug/l	100
4) Vinyl Chloride	2.19	62	172417	49.446	ug/l	99
5) Bromomethane	2.57	94	100574	46.266	ug/l	99
6) Chloroethane	2.71	64	96043	48.715	ug/l	99
7) Trichlorofluoromethane	3.02	101	242244	50.204	ug/l	99
8) Diethyl Ether	3.41	74	81999	44.588	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	149955	49.211	ug/l	99
10) Methyl Iodide	3.96	142	192654	47.087	ug/l	98
11) Tert butyl alcohol	4.77	59	36383	178.068	ug/l #	88
12) 1,1-Dichloroethene	3.74	96	132130	46.857	ug/l	96
13) Acrolein	3.61	56	57210	191.244	ug/l	99
14) Allyl chloride	4.33	41	287345	49.627	ug/l	98
15) Acrylonitrile	4.98	53	251989	215.985	ug/l	99
16) Acetone	3.81	43	261760	245.728	ug/l	94
17) Carbon Disulfide	4.06	76	404479	50.022	ug/l	99
18) Methyl Acetate	4.32	43	128669	43.164	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	379958	46.888	ug/l	99
20) Methylene Chloride	4.55	84	155674	48.008	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	143285	47.195	ug/l	97
22) Diisopropyl ether	5.95	45	581101	49.187	ug/l	99
23) Vinyl Acetate	5.89	43	1965569	245.262	ug/l	100
24) 1,1-Dichloroethane	5.85	63	307622	48.560	ug/l	100
25) 2-Butanone	6.83	43	338102	225.491	ug/l	98
26) 2,2-Dichloropropane	6.82	77	242900	52.145	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	166861	47.212	ug/l	96
28) Bromochloromethane	7.19	49	155644	47.784	ug/l	99
29) Tetrahydrofuran	7.21	42	205249	208.375	ug/l	99
30) Chloroform	7.37	83	309145	51.207	ug/l	96
31) Cyclohexane	7.65	56	293096	49.829	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	254803	49.545	ug/l	99
36) 1,1-Dichloropropene	7.79	75	232221	51.506	ug/l	99
37) Ethyl Acetate	6.92	43	146958	44.912	ug/l #	98
38) Carbon Tetrachloride	7.77	117	225422	54.420	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	276503	53.721	ug/l	98
40) Benzene	8.04	78	649736	50.444	ug/l	98
41) Methacrylonitrile	7.17	41	87466	48.267	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	232864	50.699	ug/l	100
43) Isopropyl Acetate	8.16	43	271955	43.071	ug/l	98
44) Trichloroethene	8.83	130	160760	50.669	ug/l	97
45) 1,2-Dichloropropane	9.12	63	181186	49.567	ug/l	98
46) Dibromomethane	9.21	93	102395	48.389	ug/l	98
47) Bromodichloromethane	9.40	83	232559	53.555	ug/l	99
48) Methyl methacrylate	9.20	41	141508	44.167	ug/l	99
49) 1,4-Dioxane	9.19	88	21125	858.922	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	729949	229.663	ug/l	99
52) Toluene	10.15	92	398920	51.773	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	233163	53.239	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	266130	53.305	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	134743	48.239	ug/l	97
56) Ethyl methacrylate	10.43	69	178932	48.709	ug/l	97
57) 1,3-Dichloropropane	10.71	76	243893	49.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	515595	246.532	ug/l	98
59) 2-Hexanone	10.75	43	526766	240.954	ug/l	99
60) Dibromochloromethane	10.90	129	157564	52.137	ug/l	100
61) 1,2-Dibromoethane	11.00	107	135437	48.677	ug/l	100
64) Tetrachloroethene	10.63	164	149185	51.024	ug/l	97
65) Chlorobenzene	11.43	112	432799	49.786	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	154591	52.149	ug/l	98
67) Ethyl Benzene	11.51	91	793304	52.579	ug/l	98
68) m/p-Xylenes	11.62	106	584234	105.978	ug/l	99
69) o-Xylene	11.94	106	280376	53.057	ug/l	99
70) Styrene	11.96	104	460565	54.431	ug/l	100
71) Bromoform	12.12	173	90925	51.949	ug/l #	98
73) Isopropylbenzene	12.25	105	779308	50.585	ug/l	98
74) N-amyl acetate	12.07	43	255267	46.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	158639	42.597	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	141512m	43.524	ug/l	
77) Bromobenzene	12.52	156	173559	48.418	ug/l	99
78) n-propylbenzene	12.59	91	934266	51.853	ug/l	100
79) 2-Chlorotoluene	12.67	91	526062	49.979	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	636948	51.990	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	47317	47.201	ug/l	94
82) 4-Chlorotoluene	12.77	91	539559	50.035	ug/l	98
83) tert-Butylbenzene	12.99	119	547670	50.634	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	645243	52.463	ug/l	99
85) sec-Butylbenzene	13.17	105	769641	52.236	ug/l	99
86) p-Isopropyltoluene	13.29	119	657986	52.720	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	319745	50.225	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	317194	50.115	ug/l	99
89) n-Butylbenzene	13.61	91	597759	55.764	ug/l	99
90) Hexachloroethane	13.87	117	118883	53.779	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	299165	48.504	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24712	44.999	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135941	47.487	ug/l	99
94) Hexachlorobutadiene	15.01	225	73467	52.041	ug/l	99
95) Naphthalene	15.13	128	283854	42.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	120191	51.283	ug/l	98

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

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