

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052577.D
 Acq On : 29 Nov 2018 20:38
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/30/2018 11:11:27 AM

Quant Time: Nov 30 03:52:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1076679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1692383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1498398	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	687493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	570825	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	7.59	113	526061	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.09	98	2009258	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	679940	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	452323	44.868	ug/l	98
3) Chloromethane	2.06	50	586248	44.054	ug/l	100
4) Vinyl Chloride	2.19	62	616182	45.076	ug/l	99
5) Bromomethane	2.57	94	360639	42.282	ug/l	99
6) Chloroethane	2.71	64	380008	45.893	ug/l	100
7) Trichlorofluoromethane	3.02	101	805532	47.972	ug/l	99
8) Diethyl Ether	3.41	74	296751	47.856	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.76	101	499757	47.697	ug/l	98
10) Methyl Iodide	3.96	142	731532	52.420	ug/l	99
11) Tert butyl alcohol	4.78	59	128376	218.740	ug/l	98
12) 1,1-Dichloroethene	3.74	96	487216	48.308	ug/l	99
13) Acrolein	3.61	56	181977	186.576	ug/l	98
14) Allyl chloride	4.33	41	771164	44.364	ug/l	92
15) Acrylonitrile	4.99	53	831361	223.780	ug/l	100
16) Acetone	3.82	43	558061	180.481	ug/l	99
17) Carbon Disulfide	4.06	76	1382227	43.549	ug/l	99
18) Methyl Acetate	4.33	43	405709	45.742	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	1296664	48.321	ug/l	100
20) Methylene Chloride	4.55	84	556362	45.980	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	525846	48.817	ug/l	95
22) Diisopropyl ether	5.95	45	1740683	47.673	ug/l	98
23) Vinyl Acetate	5.90	43	5371028	236.171	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1008867	48.393	ug/l	100
25) 2-Butanone	6.83	43	901534	205.703	ug/l	96
26) 2,2-Dichloropropane	6.82	77	672076	46.575	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	610699	48.670	ug/l	98
28) Bromochloromethane	7.20	49	444392	46.670	ug/l	95
29) Tetrahydrofuran	7.21	42	598607	211.760	ug/l	98
30) Chloroform	7.37	83	984491	47.332	ug/l	98
31) Cyclohexane	7.65	56	923101	45.716	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	814049	49.397	ug/l	99
36) 1,1-Dichloropropene	7.80	75	759580	47.528	ug/l	99
37) Ethyl Acetate	6.93	43	413776	42.423	ug/l	98
38) Carbon Tetrachloride	7.78	117	704411	48.689	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	915983	47.155	ug/l	98
40) Benzene	8.04	78	2280781	47.887	ug/l	100
41) Methacrylonitrile	7.18	41	244109	45.779	ug/l	95
42) 1,2-Dichloroethane	8.12	62	688422	47.737	ug/l	100
43) Isopropyl Acetate	8.17	43	784846	47.550	ug/l	99
44) Trichloroethene	8.84	130	595655	48.824	ug/l	100
45) 1,2-Dichloropropane	9.12	63	611504	48.292	ug/l	99
46) Dibromomethane	9.21	93	334448	47.711	ug/l	98
47) Bromodichloromethane	9.40	83	737180	48.370	ug/l	100
48) Methyl methacrylate	9.20	41	391007	45.431	ug/l	99
49) 1,4-Dioxane	9.20	88	83808	938.269	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	2054743	221.872	ug/l	99
52) Toluene	10.16	92	1384380	48.921	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	720805	49.162	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	865820	49.278	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	476488	47.869	ug/l	99
56) Ethyl methacrylate	10.43	69	611348	44.540	ug/l	98
57) 1,3-Dichloropropane	10.71	76	832181	47.348	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1703371	235.831	ug/l	99
59) 2-Hexanone	10.75	43	1340634	215.692	ug/l	99
60) Dibromochloromethane	10.90	129	529445	48.973	ug/l	99
61) 1,2-Dibromoethane	11.01	107	473073	47.851	ug/l	99
64) Tetrachloroethene	10.63	164	570170	49.078	ug/l	99
65) Chlorobenzene	11.44	112	1514721	49.025	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	536887	49.976	ug/l	100
67) Ethyl Benzene	11.51	91	2669346	49.336	ug/l	100
68) m/p-Xylenes	11.62	106	1994088	99.000	ug/l	100
69) o-Xylene	11.95	106	978190	50.010	ug/l	99
70) Styrene	11.96	104	1595601	51.216	ug/l	99
71) Bromoform	12.13	173	344285	48.401	ug/l #	100
73) Isopropylbenzene	12.25	105	2612578	48.437	ug/l	99
74) N-amyl acetate	12.07	43	651049	47.777	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	544299	44.361	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	456679m	43.077	ug/l	
77) Bromobenzene	12.53	156	641221	48.096	ug/l	97
78) n-propylbenzene	12.59	91	2989290	48.784	ug/l	99
79) 2-Chlorotoluene	12.67	91	1739220	47.663	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2110961	49.072	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	144843	45.626	ug/l	100
82) 4-Chlorotoluene	12.77	91	1766280	48.028	ug/l	99
83) tert-Butylbenzene	12.99	119	1850193	48.244	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2144508	49.744	ug/l	100
85) sec-Butylbenzene	13.17	105	2514267	48.134	ug/l	100
86) p-Isopropyltoluene	13.29	119	2160865	48.570	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1131737	48.529	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1108020	48.236	ug/l	99
89) n-Butylbenzene	13.62	91	1827524	49.393	ug/l	100
90) Hexachloroethane	13.88	117	357451	47.451	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	1081659	48.547	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	77675	44.263	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	551745	45.477	ug/l	99
94) Hexachlorobutadiene	15.01	225	324447	45.265	ug/l	100
95) Naphthalene	15.13	128	1115227	43.560	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	503980	45.187	ug/l	100

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

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