

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121918\
 Data File : VN053022.D
 Acq On : 19 Dec 2018 20:10
 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
 12/20/2018 9:35:16 AM

Quant Time: Dec 20 06:45:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1076051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1644754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1476455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	695512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	563507	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	7.59	113	451738	60.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.26%	
50) Toluene-d8	10.09	98	2093710	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.40	95	735405	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.85	85	507740	46.622	ug/l	100
3) Chloromethane	2.06	50	637892	48.336	ug/l	100
4) Vinyl Chloride	2.19	62	640895	47.952	ug/l	100
5) Bromomethane	2.57	94	421551	45.524	ug/l	100
6) Chloroethane	2.71	64	376945	47.620	ug/l	100
7) Trichlorofluoromethane	3.02	101	813560	48.863	ug/l	100
8) Diethyl Ether	3.41	74	316695	50.419	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.77	101	507431	47.799	ug/l	99
10) Methyl Iodide	3.96	142	746044	50.043	ug/l	99
11) Tert butyl alcohol	4.77	59	165797	248.837	ug/l	99
12) 1,1-Dichloroethene	3.74	96	497746	48.531	ug/l	99
13) Acrolein	3.61	56	193721	320.650	ug/l	100
14) Allyl chloride	4.33	41	831034	52.311	ug/l	94
15) Acrylonitrile	4.98	53	919644	248.448	ug/l	99
16) Acetone	3.81	43	552428	258.018	ug/l	96
17) Carbon Disulfide	4.06	76	1421687	42.505	ug/l	100
18) Methyl Acetate	4.32	43	475376	48.940	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	1405016	51.191	ug/l	99
20) Methylene Chloride	4.55	84	569123	48.730	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	532642	48.337	ug/l	97
22) Diisopropyl ether	5.95	45	1740137	51.316	ug/l	98
23) Vinyl Acetate	5.90	43	5030003	257.959	ug/l	98
24) 1,1-Dichloroethane	5.85	63	999722	49.613	ug/l	99
25) 2-Butanone	6.83	43	950823	264.617	ug/l	98
26) 2,2-Dichloropropane	6.83	77	715855	46.539	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	620567	49.744	ug/l	99
28) Bromochloromethane	7.19	49	437968	50.160	ug/l	95
29) Tetrahydrofuran	7.21	42	677413	252.422	ug/l	98
30) Chloroform	7.37	83	978618	49.439	ug/l	100
31) Cyclohexane	7.65	56	915906	48.432	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	817741	48.495	ug/l	99
36) 1,1-Dichloropropene	7.79	75	765696	48.502	ug/l	100
37) Ethyl Acetate	6.93	43	454945	51.622	ug/l	98
38) Carbon Tetrachloride	7.77	117	700257	48.394	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	877201	45.741	ug/l	98
40) Benzene	8.04	78	2314379	49.287	ug/l	100
41) Methacrylonitrile	7.17	41	277185	54.435	ug/l	93
42) 1,2-Dichloroethane	8.12	62	674957	48.656	ug/l	98
43) Isopropyl Acetate	8.16	43	861098	50.501	ug/l	99
44) Trichloroethene	8.84	130	652111	48.013	ug/l	97
45) 1,2-Dichloropropane	9.12	63	616019	50.365	ug/l	99
46) Dibromomethane	9.21	93	348289	48.882	ug/l	98
47) Bromodichloromethane	9.40	83	737513	48.695	ug/l	100
48) Methyl methacrylate	9.20	41	433702	50.715	ug/l	99
49) 1,4-Dioxane	9.20	88	103527	957.015	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	2211106	259.074	ug/l	99
52) Toluene	10.16	92	1429698	49.121	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	769503	48.316	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	910398	49.801	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	504706	49.705	ug/l	99
56) Ethyl methacrylate	10.43	69	686956	51.113	ug/l	98
57) 1,3-Dichloropropane	10.71	76	870204	49.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1872875	253.832	ug/l	98
59) 2-Hexanone	10.75	43	1493846	258.702	ug/l	99
60) Dibromochloromethane	10.90	129	563490	48.480	ug/l	100
61) 1,2-Dibromoethane	11.01	107	512074	49.656	ug/l	99
64) Tetrachloroethene	10.63	164	742142	46.403	ug/l	99
65) Chlorobenzene	11.43	112	1603619	48.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	559907	49.195	ug/l	99
67) Ethyl Benzene	11.51	91	2778246	49.360	ug/l	100
68) m/p-Xylenes	11.62	106	2119061	99.035	ug/l	99
69) o-Xylene	11.95	106	1025381	49.940	ug/l	100
70) Styrene	11.96	104	1702844	50.861	ug/l	99
71) Bromoform	12.13	173	390353	47.476	ug/l #	100
73) Isopropylbenzene	12.25	105	2705427	49.716	ug/l	99
74) N-amyl acetate	12.07	43	793837	52.543	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	562740	52.711	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	509950m	43.555	ug/l	
77) Bromobenzene	12.53	156	729482	51.570	ug/l	93
78) n-propylbenzene	12.59	91	3069141	49.521	ug/l	99
79) 2-Chlorotoluene	12.67	91	1814093	47.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2159341	48.683	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	174036	47.910	ug/l	97
82) 4-Chlorotoluene	12.77	91	1854543	49.315	ug/l	99
83) tert-Butylbenzene	12.99	119	1899743	48.428	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	2200753	49.356	ug/l	100
85) sec-Butylbenzene	13.17	105	2501426	47.144	ug/l	99
86) p-Isopropyltoluene	13.29	119	2181920	47.590	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1218207	48.658	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1199537	47.312	ug/l	100
89) n-Butylbenzene	13.62	91	1807788	45.832	ug/l	100
90) Hexachloroethane	13.88	117	328232	46.652	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1145524	48.617	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	86983	47.121	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	591853	47.442	ug/l	100
94) Hexachlorobutadiene	15.01	225	322923	49.958	ug/l	99
95) Naphthalene	15.13	128	1316087	48.170	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	532884	47.430	ug/l	99

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

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