

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121718\
 Data File : VN052942.D
 Acq On : 17 Dec 2018 22:18
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 1:33:49 PM

Quant Time: Dec 18 06:34:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1074040	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1673889	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1498783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	713066	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	565012	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.59	113	355178	38.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.02%	
50) Toluene-d8	10.09	98	2021827	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	12.40	95	714509	52.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	514535	46.538	ug/l	100
3) Chloromethane	2.06	50	638022	48.081	ug/l	100
4) Vinyl Chloride	2.19	62	633335	47.707	ug/l	100
5) Bromomethane	2.57	94	416623	50.881	ug/l	99
6) Chloroethane	2.71	64	373824	47.639	ug/l	99
7) Trichlorofluoromethane	3.02	101	800319	48.625	ug/l	99
8) Diethyl Ether	3.41	74	304503	50.718	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	488421	47.882	ug/l	98
10) Methyl Iodide	3.96	142	736174	51.533	ug/l	99
11) Tert butyl alcohol	4.77	59	180316	282.581	ug/l	98
12) 1,1-Dichloroethene	3.74	96	486446	49.262	ug/l	99
13) Acrolein	3.61	56	199279	331.700	ug/l	98
14) Allyl chloride	4.33	41	758144	47.006	ug/l	98
15) Acrylonitrile	4.99	53	933008	260.630	ug/l	99
16) Acetone	3.81	43	596649	232.623	ug/l	98
17) Carbon Disulfide	4.06	76	1412958	46.579	ug/l	99
18) Methyl Acetate	4.32	43	512499	54.445	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	1393403	51.978	ug/l	98
20) Methylene Chloride	4.55	84	553586	47.960	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	509687	47.642	ug/l	99
22) Diisopropyl ether	5.95	45	1696497	49.304	ug/l	99
23) Vinyl Acetate	5.90	43	4821924	235.509	ug/l	99
24) 1,1-Dichloroethane	5.85	63	977622	49.269	ug/l	99
25) 2-Butanone	6.83	43	975586	245.136	ug/l	97
26) 2,2-Dichloropropane	6.83	77	668166	45.726	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	592973	48.836	ug/l	100
28) Bromochloromethane	7.20	49	445015	49.945	ug/l	96
29) Tetrahydrofuran	7.21	42	696122	256.215	ug/l	99
30) Chloroform	7.37	83	955035	49.357	ug/l	100
31) Cyclohexane	7.66	56	891568	46.024	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	807321	49.867	ug/l	99
36) 1,1-Dichloropropene	7.79	75	730211	47.372	ug/l	99
37) Ethyl Acetate	6.93	43	468154	50.557	ug/l	100
38) Carbon Tetrachloride	7.78	117	690239	48.649	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	882766	46.668	ug/l	99
40) Benzene	8.04	78	2229637	48.194	ug/l	99
41) Methacrylonitrile	7.17	41	276878	53.965	ug/l	92
42) 1,2-Dichloroethane	8.12	62	669317	48.056	ug/l	99
43) Isopropyl Acetate	8.16	43	907861	47.819	ug/l	98
44) Trichloroethene	8.84	130	631215	50.512	ug/l	97
45) 1,2-Dichloropropane	9.12	63	594297	49.044	ug/l	99
46) Dibromomethane	9.21	93	346263	49.272	ug/l	99
47) Bromodichloromethane	9.40	83	727224	49.902	ug/l	99
48) Methyl methacrylate	9.20	41	431486	51.824	ug/l	98
49) 1,4-Dioxane	9.20	88	106150	1123.205	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	2259824	259.583	ug/l	99
52) Toluene	10.16	92	1381258	49.295	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	767887	52.363	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	876970	50.185	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	495988	49.587	ug/l	99
56) Ethyl methacrylate	10.43	69	698754	54.435	ug/l	98
57) 1,3-Dichloropropane	10.71	76	855846	49.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1916172	267.528	ug/l	99
59) 2-Hexanone	10.75	43	1541890	258.441	ug/l	100
60) Dibromochloromethane	10.90	129	552397	51.099	ug/l	100
61) 1,2-Dibromoethane	11.01	107	507656	51.346	ug/l	100
64) Tetrachloroethene	10.63	164	751941	58.373	ug/l	99
65) Chlorobenzene	11.43	112	1530021	49.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	538917	49.834	ug/l	100
67) Ethyl Benzene	11.51	91	2661366	49.840	ug/l	99
68) m/p-Xylenes	11.62	106	2025145	101.002	ug/l	99
69) o-Xylene	11.95	106	989739	50.551	ug/l	100
70) Styrene	11.96	104	1645313	52.275	ug/l	99
71) Bromoform	12.13	173	388015	52.814	ug/l	# 100
73) Isopropylbenzene	12.25	105	2632188	49.440	ug/l	100
74) N-amyl acetate	12.07	43	802781	54.923	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	538248	45.110	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	515254m	48.976	ug/l	
77) Bromobenzene	12.53	156	675814	49.907	ug/l	99
78) n-propylbenzene	12.59	91	3010295	49.577	ug/l	99
79) 2-Chlorotoluene	12.67	91	1764844	49.165	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	2137548	49.736	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	183294	55.970	ug/l	96
82) 4-Chlorotoluene	12.77	91	1809164	49.294	ug/l	100
83) tert-Butylbenzene	12.99	119	1875776	49.477	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2181655	50.142	ug/l	100
85) sec-Butylbenzene	13.17	105	2559210	49.845	ug/l	100
86) p-Isopropyltoluene	13.29	119	2217733	49.856	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1192639	49.561	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1178625	49.458	ug/l	100
89) n-Butylbenzene	13.62	91	1881056	50.232	ug/l	99
90) Hexachloroethane	13.88	117	329885	44.288	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1148978	49.636	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	93306	51.877	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	626128	49.760	ug/l	99
94) Hexachlorobutadiene	15.01	225	338752	46.511	ug/l	99
95) Naphthalene	15.13	128	1393623	53.476	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	559368	48.448	ug/l	99

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

