

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052974.D
 Acq On : 18 Dec 2018 21:31
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/19/2018 12:07:32 PM

Quant Time: Dec 19 04:50:26 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	1122750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1725204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1559038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	716958	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	606247	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
35) Dibromofluoromethane	7.59	113	433759	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
50) Toluene-d8	10.09	98	2216235	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.40	95	772118	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	552005	48.579	ug/l	100
3) Chloromethane	2.06	50	684934	49.742	ug/l	100
4) Vinyl Chloride	2.19	62	687128	49.272	ug/l	99
5) Bromomethane	2.57	94	447634	46.330	ug/l	97
6) Chloroethane	2.71	64	412870	49.989	ug/l	99
7) Trichlorofluoromethane	3.02	101	856469	49.300	ug/l	100
8) Diethyl Ether	3.41	74	329245	50.237	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	534319	48.239	ug/l	97
10) Methyl Iodide	3.96	142	806798	51.867	ug/l	99
11) Tert butyl alcohol	4.77	59	180973	260.316	ug/l	98
12) 1,1-Dichloroethene	3.74	96	526406	49.191	ug/l	99
13) Acrolein	3.61	56	212799	337.578	ug/l	98
14) Allyl chloride	4.33	41	867564	52.339	ug/l	95
15) Acrylonitrile	4.99	53	984705	254.959	ug/l	99
16) Acetone	3.81	43	606284	271.394	ug/l	98
17) Carbon Disulfide	4.06	76	1555190	44.562	ug/l	100
18) Methyl Acetate	4.32	43	510526	50.344	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	1478612	51.632	ug/l	99
20) Methylene Chloride	4.55	84	599683	49.211	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	559787	48.687	ug/l	99
22) Diisopropyl ether	5.95	45	1828573	51.681	ug/l	97
23) Vinyl Acetate	5.90	43	5093746	250.363	ug/l	99
24) 1,1-Dichloroethane	5.85	63	1049921	49.938	ug/l	98
25) 2-Butanone	6.83	43	1036176	276.377	ug/l	98
26) 2,2-Dichloropropane	6.83	77	733703	45.715	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	647144	49.717	ug/l	99
28) Bromochloromethane	7.20	49	468539	51.429	ug/l	96
29) Tetrahydrofuran	7.21	42	735521	262.675	ug/l	98
30) Chloroform	7.37	83	1032219	49.978	ug/l	100
31) Cyclohexane	7.66	56	988116	50.113	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	868337	49.353	ug/l	99
36) 1,1-Dichloropropene	7.79	75	804729	48.598	ug/l	99
37) Ethyl Acetate	6.93	43	494472	53.491	ug/l	99
38) Carbon Tetrachloride	7.78	117	742347	48.910	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	968714	48.157	ug/l	96
40) Benzene	8.04	78	2440330	49.545	ug/l	100
41) Methacrylonitrile	7.17	41	270434	50.632	ug/l	99
42) 1,2-Dichloroethane	8.12	62	726143	49.905	ug/l	99
43) Isopropyl Acetate	8.16	43	923204	51.642	ug/l	99
44) Trichloroethene	8.84	130	686579	48.193	ug/l	97
45) 1,2-Dichloropropane	9.12	63	639505	49.847	ug/l	98
46) Dibromomethane	9.21	93	371208	49.669	ug/l	98
47) Bromodichloromethane	9.40	83	788203	49.615	ug/l	100
48) Methyl methacrylate	9.20	41	466247	51.978	ug/l	99
49) 1,4-Dioxane	9.20	88	112810	994.199	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2421909	270.540	ug/l	99
52) Toluene	10.16	92	1530638	50.137	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	820818	49.135	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	942498	49.153	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	535390	50.268	ug/l	99
56) Ethyl methacrylate	10.43	69	746410	52.947	ug/l	98
57) 1,3-Dichloropropane	10.71	76	926789	50.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	2039124	263.476	ug/l	98
59) 2-Hexanone	10.75	43	1642818	271.233	ug/l	99
60) Dibromochloromethane	10.90	129	604602	49.592	ug/l	100
61) 1,2-Dibromoethane	11.00	107	549862	50.834	ug/l	100
64) Tetrachloroethene	10.63	164	788039	46.663	ug/l	99
65) Chlorobenzene	11.43	112	1692757	48.981	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	589937	49.088	ug/l	99
67) Ethyl Benzene	11.51	91	2933683	49.361	ug/l	100
68) m/p-Xylenes	11.62	106	2220765	98.290	ug/l	100
69) o-Xylene	11.95	106	1090929	50.318	ug/l	99
70) Styrene	11.96	104	1789380	50.615	ug/l	99
71) Bromoform	12.13	173	425831	49.048	ug/l #	100
73) Isopropylbenzene	12.25	105	2879637	51.334	ug/l	100
74) N-amyl acetate	12.07	43	859557	55.191	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	598875	54.418	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	555169m	45.999	ug/l	
77) Bromobenzene	12.53	156	745643	51.136	ug/l	98
78) n-propylbenzene	12.59	91	3241899	50.744	ug/l	99
79) 2-Chlorotoluene	12.68	91	1914459	48.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	2273120	49.715	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	193503	51.675	ug/l	96
82) 4-Chlorotoluene	12.77	91	1952642	50.371	ug/l	100
83) tert-Butylbenzene	12.99	119	2016248	49.861	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	2298534	50.007	ug/l	99
85) sec-Butylbenzene	13.17	105	2690704	49.194	ug/l	100
86) p-Isopropyltoluene	13.29	119	2326751	49.231	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	1282837	49.707	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1251966	47.903	ug/l	100
89) n-Butylbenzene	13.62	91	1916003	47.123	ug/l	100
90) Hexachloroethane	13.88	117	362731	50.013	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	1201166	49.453	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	93568	49.172	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	614062	47.746	ug/l	100
94) Hexachlorobutadiene	15.01	225	336539	50.540	ug/l	99
95) Naphthalene	15.13	128	1372449	48.717	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	561630	48.482	ug/l	100

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

