

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\
 Data File : VX006781.D
 Acq On : 24 Dec 2018 09:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:06 AM

Quant Time: Dec 25 02:16:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	710780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1030981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	958439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	521399	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	390557	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	5.50	113	363813	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
50) Toluene-d8	8.71	98	1353737	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
62) 4-Bromofluorobenzene	11.13	95	506634	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	288773	44.410	ug/l	97
3) Chloromethane	1.33	50	307523	43.898	ug/l	99
4) Vinyl Chloride	1.41	62	328247	44.864	ug/l	99
5) Bromomethane	1.64	94	324108	47.369	ug/l	99
6) Chloroethane	1.71	64	206759	40.813	ug/l	98
7) Trichlorofluoromethane	1.93	101	527354	46.231	ug/l	97
8) Diethyl Ether	2.19	74	202666	44.732	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	317578	47.417	ug/l	99
10) Methyl Iodide	2.51	142	456154	47.579	ug/l	99
11) Tert butyl alcohol	3.07	59	388955	227.511	ug/l	99
12) 1,1-Dichloroethene	2.37	96	285119	44.896	ug/l	100
13) Acrolein	2.29	56	234419	203.257	ug/l	99
14) Allyl chloride	2.73	41	500568	46.828	ug/l	98
15) Acrylonitrile	3.15	53	878396	231.409	ug/l	100
16) Acetone	2.45	43	947270	269.152	ug/l	98
17) Carbon Disulfide	2.57	76	709077	42.192	ug/l	100
18) Methyl Acetate	2.78	43	501155	48.426	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1001345	47.507	ug/l	99
20) Methylene Chloride	2.85	84	323815	44.495	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	311613	44.285	ug/l	99
22) Diisopropyl ether	3.87	45	995555	50.908	ug/l	95
23) Vinyl Acetate	3.82	43	4102393	256.461	ug/l	99
24) 1,1-Dichloroethane	3.70	63	551489	47.241	ug/l	98
25) 2-Butanone	4.70	43	1245571	251.602	ug/l	98
26) 2,2-Dichloropropane	4.58	77	441126	48.918	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	363618	46.837	ug/l	98
28) Bromochloromethane	5.02	49	284484	58.110	ug/l	99
29) Tetrahydrofuran	5.15	42	760633	233.280	ug/l	98
30) Chloroform	5.21	83	575932	47.641	ug/l	99
31) Cyclohexane	5.57	56	490188	46.220	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	497361	48.724	ug/l	99
36) 1,1-Dichloropropene	5.80	75	421442	49.356	ug/l	100
37) Ethyl Acetate	4.85	43	436697	49.136	ug/l	99
38) Carbon Tetrachloride	5.78	117	439503	52.962	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	558613	49.691	ug/l	99
40) Benzene	6.14	78	1277899	49.234	ug/l	98
41) Methacrylonitrile	5.06	41	243836	51.676	ug/l	99
42) 1,2-Dichloroethane	6.20	62	429843	48.600	ug/l	100
43) Isopropyl Acetate	6.46	43	720845	53.307	ug/l	99
44) Trichloroethene	7.21	130	381830	48.604	ug/l	95
45) 1,2-Dichloropropane	7.51	63	321759	50.942	ug/l	97
46) Dibromomethane	7.66	93	230028	49.512	ug/l	98
47) Bromodichloromethane	7.90	83	417977	54.189	ug/l	97
48) Methyl methacrylate	7.77	41	372959	54.235	ug/l	98
49) 1,4-Dioxane	7.75	88	181148	1006.941	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2307347	268.170	ug/l	99
52) Toluene	8.78	92	841677	50.194	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	471593	57.008	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	515394	56.781	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	351272	51.179	ug/l	99
56) Ethyl methacrylate	9.18	69	523796	53.995	ug/l	97
57) 1,3-Dichloropropane	9.37	76	558653	50.590	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1392590	270.059	ug/l	99
59) 2-Hexanone	9.49	43	1833577	278.527	ug/l	99
60) Dibromochloromethane	9.58	129	375969	52.264	ug/l	98
61) 1,2-Dibromoethane	9.67	107	377658	51.761	ug/l	99
64) Tetrachloroethene	9.34	164	356057	46.915	ug/l	97
65) Chlorobenzene	10.13	112	993063	48.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	354663	56.062	ug/l	99
67) Ethyl Benzene	10.25	91	1660826	50.125	ug/l	100
68) m/p-Xylenes	10.36	106	1330445	101.760	ug/l	100
69) o-Xylene	10.69	106	650486	50.384	ug/l	99
70) Styrene	10.71	104	1067929	52.284	ug/l	99
71) Bromoform	10.85	173	287154	50.293	ug/l	100
73) Isopropylbenzene	11.02	105	1739994	48.780	ug/l	100
74) N-amyl acetate	10.90	43	682525	53.457	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	526288	49.611	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	491168m	50.689	ug/l	
77) Bromobenzene	11.26	156	471562	48.899	ug/l	98
78) n-propylbenzene	11.36	91	1989084	50.639	ug/l	99
79) 2-Chlorotoluene	11.42	91	1148813	48.262	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1470606	50.055	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	152833	48.170	ug/l	99
82) 4-Chlorotoluene	11.51	91	1360897	49.841	ug/l	100
83) tert-Butylbenzene	11.77	119	1474609	50.148	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1494068	48.347	ug/l	99
85) sec-Butylbenzene	11.94	105	1810576	50.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	1632552	51.514	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	867006	49.885	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	871139	48.894	ug/l	100
89) n-Butylbenzene	12.38	91	1437821	53.310	ug/l	99
90) Hexachloroethane	12.60	117	248711	50.136	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	846284	48.676	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	110254	50.230	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	627959	52.361	ug/l	99
94) Hexachlorobutadiene	13.78	225	302128	53.448	ug/l	99
95) Naphthalene	13.83	128	1849723	48.325	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	619616	50.040	ug/l	98

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

