

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041319\
 Data File : VX008948.D
 Acq On : 13 Apr 2019 21:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/15/2019 12:55:43 PM

Quant Time: Apr 15 05:08:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	252881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113109	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	5.50	113	85623	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	8.71	98	331106	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.13	95	118395	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97549	56.388	ug/l	99
3) Chloromethane	1.32	50	116449	55.097	ug/l	100
4) Vinyl Chloride	1.41	62	116051	49.624	ug/l	99
5) Bromomethane	1.64	94	62148	53.798	ug/l	99
6) Chloroethane	1.71	64	68348	53.741	ug/l	98
7) Trichlorofluoromethane	1.92	101	134946	52.201	ug/l	98
8) Diethyl Ether	2.19	74	62622	51.081	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82800	49.748	ug/l	97
10) Methyl Iodide	2.51	142	94031	61.069	ug/l	100
11) Tert butyl alcohol	3.06	59	136438	265.862	ug/l	100
12) 1,1-Dichloroethene	2.37	96	87363	50.281	ug/l	97
13) Acrolein	2.29	56	77841	305.898	ug/l	98
14) Allyl chloride	2.73	41	197208	49.580	ug/l	99
15) Acrylonitrile	3.14	53	344249	253.212	ug/l	100
16) Acetone	2.45	43	296539	234.870	ug/l	98
17) Carbon Disulfide	2.57	76	248413	49.503	ug/l	100
18) Methyl Acetate	2.78	43	155482	50.776	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	330720	53.299	ug/l	99
20) Methylene Chloride	2.85	84	101347	47.955	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	91873	48.885	ug/l	94
22) Diisopropyl ether	3.85	45	391388	51.053	ug/l	90
23) Vinyl Acetate	3.82	43	1762648	264.296	ug/l	99
24) 1,1-Dichloroethane	3.70	63	193377	50.947	ug/l	100
25) 2-Butanone	4.68	43	510447	255.796	ug/l	100
26) 2,2-Dichloropropane	4.58	77	116954	43.748	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	109003	50.447	ug/l	96
28) Bromochloromethane	5.02	49	89977	57.183	ug/l	98
29) Tetrahydrofuran	5.13	42	341618	257.927	ug/l	100
30) Chloroform	5.21	83	175398	51.737	ug/l	98
31) Cyclohexane	5.58	56	184789	48.790	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	144026	52.572	ug/l	99
36) 1,1-Dichloropropene	5.80	75	134541	48.672	ug/l	99
37) Ethyl Acetate	4.84	43	193605	52.472	ug/l	99
38) Carbon Tetrachloride	5.79	117	120123	52.505	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160746	47.074	ug/l	99
40) Benzene	6.14	78	417004	50.638	ug/l	100
41) Methacrylonitrile	5.04	41	109450	51.606	ug/l	99
42) 1,2-Dichloroethane	6.20	62	148770	50.392	ug/l	100
43) Isopropyl Acetate	6.45	43	307103	53.133	ug/l	100
44) Trichloroethene	7.21	130	98133	51.165	ug/l	97
45) 1,2-Dichloropropane	7.51	63	117435	49.962	ug/l	99
46) Dibromomethane	7.66	93	67654	49.628	ug/l	98
47) Bromodichloromethane	7.90	83	133800	52.055	ug/l	100
48) Methyl methacrylate	7.77	41	152804	52.263	ug/l	99
49) 1,4-Dioxane	7.74	88	53994	985.825	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	974908	262.020	ug/l	100
52) Toluene	8.79	92	246226	50.716	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	153138	53.187	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	168712	51.281	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	101388	52.025	ug/l	98
56) Ethyl methacrylate	9.18	69	186178	52.801	ug/l	100
57) 1,3-Dichloropropane	9.37	76	180058	51.454	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	456546	253.572	ug/l	99
59) 2-Hexanone	9.49	43	734554	254.034	ug/l	100
60) Dibromochloromethane	9.58	129	100352	54.646	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104596	51.556	ug/l	99
64) Tetrachloroethene	9.34	164	90891	55.207	ug/l	97
65) Chlorobenzene	10.14	112	251814	51.122	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	93331	54.009	ug/l	100
67) Ethyl Benzene	10.25	91	464806	50.605	ug/l	97
68) m/p-Xylenes	10.36	106	335288	101.526	ug/l	99
69) o-Xylene	10.70	106	164308	51.339	ug/l	98
70) Styrene	10.71	104	286815	51.989	ug/l	99
71) Bromoform	10.85	173	73659	55.811	ug/l #	98
73) Isopropylbenzene	11.02	105	436737	51.475	ug/l	100
74) N-amyl acetate	10.90	43	255770	51.238	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	155856	48.301	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138022m	49.075	ug/l	
77) Bromobenzene	11.26	156	106385	52.158	ug/l	96
78) n-propylbenzene	11.36	91	495187	50.125	ug/l	99
79) 2-Chlorotoluene	11.42	91	297217	49.716	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	363285	51.009	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53615	52.549	ug/l	98
82) 4-Chlorotoluene	11.51	91	339402	49.046	ug/l	99
83) tert-Butylbenzene	11.77	119	343378	50.114	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	368303	51.072	ug/l	100
85) sec-Butylbenzene	11.94	105	413854	50.849	ug/l	99
86) p-Isopropyltoluene	12.06	119	375813	51.446	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183209	50.174	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	180979	48.946	ug/l	99
89) n-Butylbenzene	12.38	91	339508	49.558	ug/l	99
90) Hexachloroethane	12.60	117	63987	52.812	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	181998	50.200	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35175	49.554	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128438	50.952	ug/l	98
94) Hexachlorobutadiene	13.78	225	62772	51.924	ug/l	100
95) Naphthalene	13.83	128	434006	51.515	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130187	51.691	ug/l	99

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

