

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032419\
 Data File : VX008406.D
 Acq On : 24 Mar 2019 20:44
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:24:48 AM

Quant Time: Mar 25 08:14:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	195966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	148352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	149499	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
35) Dibromofluoromethane	5.49	113	111947	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.71	98	446895	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.13	95	165568	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106770	48.129	ug/l	99
3) Chloromethane	1.32	50	137374	41.773	ug/l	99
4) Vinyl Chloride	1.40	62	151337	47.149	ug/l	99
5) Bromomethane	1.64	94	43031m	21.290	ug/l	
6) Chloroethane	1.71	64	115335	61.353	ug/l	98
7) Trichlorofluoromethane	1.92	101	173538	47.543	ug/l	97
8) Diethyl Ether	2.18	74	82859	47.409	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100787	46.611	ug/l	89
10) Methyl Iodide	2.51	142	38634	14.083	ug/l	97
11) Tert butyl alcohol	3.06	59	173127	260.052	ug/l	100
12) 1,1-Dichloroethene	2.37	96	107990	48.383	ug/l	89
13) Acrolein	2.29	56	65734m	115.547	ug/l	
14) Allyl chloride	2.73	41	235083	47.609	ug/l	95
15) Acrylonitrile	3.14	53	412072	241.705	ug/l	99
16) Acetone	2.45	43	358980	240.287	ug/l	97
17) Carbon Disulfide	2.57	76	330303	46.280	ug/l	100
18) Methyl Acetate	2.78	43	178914	47.845	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	399093	49.645	ug/l	97
20) Methylene Chloride	2.85	84	127975	47.584	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	114018	47.177	ug/l	93
22) Diisopropyl ether	3.85	45	474819	49.388	ug/l #	85
23) Vinyl Acetate	3.81	43	2131840	251.148	ug/l	97
24) 1,1-Dichloroethane	3.70	63	239392	48.838	ug/l	98
25) 2-Butanone	4.67	43	605127	245.990	ug/l	96
26) 2,2-Dichloropropane	4.58	77	125715	39.808	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	133020	48.054	ug/l	91
28) Bromochloromethane	5.01	49	124337	50.812	ug/l #	79
29) Tetrahydrofuran	5.13	42	401308	245.690	ug/l	96
30) Chloroform	5.21	83	214473	48.531	ug/l	100
31) Cyclohexane	5.58	56	224329	47.726	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	175339	50.148	ug/l	96
36) 1,1-Dichloropropene	5.80	75	168390	47.715	ug/l	96
37) Ethyl Acetate	4.83	43	232975	48.778	ug/l	98
38) Carbon Tetrachloride	5.79	117	146832	48.537	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199112	46.030	ug/l	93
40) Benzene	6.14	78	513795	47.806	ug/l	98
41) Methacrylonitrile	5.04	41	129669	49.808	ug/l	97
42) 1,2-Dichloroethane	6.19	62	183929	47.158	ug/l	95
43) Isopropyl Acetate	6.45	43	366962	49.340	ug/l	97
44) Trichloroethene	7.21	130	120367	48.227	ug/l	89
45) 1,2-Dichloropropane	7.51	63	146117	48.024	ug/l	100
46) Dibromomethane	7.66	93	84494	46.794	ug/l #	86
47) Bromodichloromethane	7.90	83	171712	49.857	ug/l	98
48) Methyl methacrylate	7.77	41	187146	49.866	ug/l	93
49) 1,4-Dioxane	7.74	88	76866	1015.149	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1223765	250.781	ug/l	97
52) Toluene	8.79	92	309486	49.108	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	184196	49.742	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	206008	49.068	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	126356	48.269	ug/l	98
56) Ethyl methacrylate	9.18	69	236432	51.018	ug/l	91
57) 1,3-Dichloropropane	9.37	76	224665	48.176	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	603131	241.377	ug/l	93
59) 2-Hexanone	9.49	43	967862	258.370	ug/l	96
60) Dibromochloromethane	9.58	129	126624	52.113	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129678	48.812	ug/l	100
64) Tetrachloroethene	9.33	164	95758	47.019	ug/l	93
65) Chlorobenzene	10.14	112	315797	48.350	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	111161	49.077	ug/l	98
67) Ethyl Benzene	10.25	91	595633	48.703	ug/l	97
68) m/p-Xylenes	10.36	106	432792	98.492	ug/l	93
69) o-Xylene	10.70	106	212501	49.456	ug/l	94
70) Styrene	10.71	104	373670	50.145	ug/l	96
71) Bromoform	10.85	173	92806	53.189	ug/l #	99
73) Isopropylbenzene	11.02	105	554745	47.383	ug/l	98
74) N-amyl acetate	10.90	43	352118	51.370	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	223402	47.905	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	182262m	46.937	ug/l	
77) Bromobenzene	11.26	156	132879	47.967	ug/l	81
78) n-propylbenzene	11.36	91	662837	48.305	ug/l	95
79) 2-Chlorotoluene	11.42	91	395512	47.318	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	477851	47.979	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	66026	48.455	ug/l	92
82) 4-Chlorotoluene	11.51	91	458017	47.555	ug/l	94
83) tert-Butylbenzene	11.77	119	466258	49.163	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	480657	48.361	ug/l	97
85) sec-Butylbenzene	11.94	105	545906	48.027	ug/l	96
86) p-Isopropyltoluene	12.06	119	489777	48.886	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	238647	47.966	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	240612	47.529	ug/l	97
89) n-Butylbenzene	12.38	91	456690	47.748	ug/l	97
90) Hexachloroethane	12.60	117	83290	50.328	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	244866	48.594	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50143	50.450	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162047	47.689	ug/l	98
94) Hexachlorobutadiene	13.78	225	76766	47.804	ug/l	99
95) Naphthalene	13.83	128	579178	48.538	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162689	47.448	ug/l	98

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

