

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032419\
 Data File : VX008378.D
 Acq On : 24 Mar 2019 09:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:24:14 AM

Quant Time: Mar 25 06:02:57 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	211365	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	354006	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	158143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	152290	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
35) Dibromofluoromethane	5.49	113	111715	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.71	98	449773	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	169254	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	116988	48.893	ug/l	100
3) Chloromethane	1.32	50	164360	46.337	ug/l	98
4) Vinyl Chloride	1.40	62	164524	47.523	ug/l	100
5) Bromomethane	1.64	94	99779	45.769	ug/l	99
6) Chloroethane	1.71	64	97071	47.876	ug/l	100
7) Trichlorofluoromethane	1.92	101	186111	47.273	ug/l	96
8) Diethyl Ether	2.18	74	85353	45.278	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112177	48.099	ug/l	89
10) Methyl Iodide	2.51	142	134894	45.590	ug/l	96
11) Tert butyl alcohol	3.05	59	167778	233.656	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112486	46.725	ug/l	90
13) Acrolein	2.29	56	157032	255.921	ug/l	99
14) Allyl chloride	2.72	41	247995	46.565	ug/l	95
15) Acrylonitrile	3.14	53	414922	225.645	ug/l	99
16) Acetone	2.44	43	393082	243.945	ug/l	97
17) Carbon Disulfide	2.57	76	342456	44.487	ug/l	99
18) Methyl Acetate	2.77	43	176764	43.826	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	404073	46.603	ug/l	99
20) Methylene Chloride	2.85	84	130776	45.083	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	118844	45.591	ug/l	91
22) Diisopropyl ether	3.85	45	486248	46.892	ug/l	92
23) Vinyl Acetate	3.81	43	2178609	237.959	ug/l	97
24) 1,1-Dichloroethane	3.69	63	243815	46.117	ug/l	98
25) 2-Butanone	4.67	43	621808	234.355	ug/l	96
26) 2,2-Dichloropropane	4.58	77	169909	49.882	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	137353	46.005	ug/l	90
28) Bromochloromethane	5.01	49	126615	47.974	ug/l	# 78
29) Tetrahydrofuran	5.12	42	396157	224.866	ug/l	96
30) Chloroform	5.20	83	222376	46.653	ug/l	99
31) Cyclohexane	5.57	56	242062	47.747	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	180109	47.760	ug/l	96
36) 1,1-Dichloropropene	5.79	75	177906	49.180	ug/l	96
37) Ethyl Acetate	4.82	43	231669	47.320	ug/l	97
38) Carbon Tetrachloride	5.78	117	152142	49.064	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227389	51.283	ug/l	91
40) Benzene	6.14	78	528633	47.985	ug/l	99
41) Methacrylonitrile	5.04	41	130225	48.800	ug/l	97
42) 1,2-Dichloroethane	6.19	62	191783	47.971	ug/l	95
43) Isopropyl Acetate	6.44	43	367238	48.171	ug/l	96
44) Trichloroethene	7.21	130	121290	47.410	ug/l	87
45) 1,2-Dichloropropane	7.51	63	149854	48.049	ug/l	99
46) Dibromomethane	7.66	93	85488	46.188	ug/l #	85
47) Bromodichloromethane	7.89	83	172948	48.989	ug/l	99
48) Methyl methacrylate	7.77	41	187268	48.681	ug/l	93
49) 1,4-Dioxane	7.74	88	74964	965.856	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	1209820	241.870	ug/l	97
52) Toluene	8.78	92	319351	49.436	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	196122	51.670	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	219902	51.099	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	128405	47.854	ug/l	98
56) Ethyl methacrylate	9.18	69	239786	50.478	ug/l	91
57) 1,3-Dichloropropane	9.37	76	229161	47.940	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	633784	247.452	ug/l	92
59) 2-Hexanone	9.49	43	955815	248.924	ug/l	96
60) Dibromochloromethane	9.58	129	125619	50.437	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132626	48.702	ug/l	99
64) Tetrachloroethene	9.33	164	100673	48.372	ug/l	94
65) Chlorobenzene	10.13	112	324732	48.652	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	113409	48.995	ug/l	98
67) Ethyl Benzene	10.25	91	625940	50.083	ug/l	97
68) m/p-Xylenes	10.36	106	451855	100.624	ug/l	91
69) o-Xylene	10.69	106	217414	49.514	ug/l	92
70) Styrene	10.71	104	386150	50.708	ug/l	96
71) Bromoform	10.85	173	89970	50.458	ug/l #	100
73) Isopropylbenzene	11.02	105	588076	47.120	ug/l	98
74) N-amyl acetate	10.90	43	356463	48.784	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	223716	45.003	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	186365m	45.022	ug/l	
77) Bromobenzene	11.26	156	135857	46.006	ug/l	80
78) n-propylbenzene	11.36	91	712245	48.692	ug/l	95
79) 2-Chlorotoluene	11.42	91	415890	46.675	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	511867	48.213	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	71043	48.909	ug/l #	86
82) 4-Chlorotoluene	11.51	91	488082	47.540	ug/l	94
83) tert-Butylbenzene	11.77	119	481092	47.586	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	513581	48.474	ug/l	97
85) sec-Butylbenzene	11.94	105	594805	49.089	ug/l	95
86) p-Isopropyltoluene	12.06	119	537716	50.348	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	253299	47.759	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	255212	47.292	ug/l	97
89) n-Butylbenzene	12.38	91	520855	51.085	ug/l	97
90) Hexachloroethane	12.60	117	87326	49.500	ug/l	79
91) 1,2-Dichlorobenzene	12.39	146	257541	47.945	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51831	48.919	ug/l	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	182823	50.473	ug/l	99
94) Hexachlorobutadiene	13.78	225	87358	51.032	ug/l	99
95) Naphthalene	13.83	128	621143	48.832	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	182665	49.975	ug/l	99

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

