

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100319\
 Data File : VX012800.D
 Acq On : 03 Oct 2019 21:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 9:19:33 AM

Quant Time: Oct 04 07:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301305	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	128227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110651	43.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.82%	
35) Dibromofluoromethane	5.49	113	87875	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	8.71	98	324709	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
62) 4-Bromofluorobenzene	11.13	95	127178	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	78246	39.733	ug/l	97
3) Chloromethane	1.31	50	84662	37.439	ug/l	99
4) Vinyl Chloride	1.40	62	92515	41.160	ug/l	97
5) Bromomethane	1.62	94	35704	40.401	ug/l	98
6) Chloroethane	1.70	64	58368	38.520	ug/l	94
7) Trichlorofluoromethane	1.92	101	136070	43.118	ug/l	98
8) Diethyl Ether	2.18	74	54295	41.983	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87311	45.425	ug/l	97
10) Methyl Iodide	2.50	142	81133	41.051	ug/l	93
11) Tert butyl alcohol	3.04	59	135591	212.930	ug/l	99
12) 1,1-Dichloroethene	2.36	96	86190	45.794	ug/l	95
13) Acrolein	2.28	56	73473	208.879	ug/l	99
14) Allyl chloride	2.72	41	155489	41.639	ug/l	97
15) Acrylonitrile	3.13	53	288013	222.936	ug/l	98
16) Acetone	2.44	43	244545	181.114	ug/l	95
17) Carbon Disulfide	2.56	76	211253	40.037	ug/l	100
18) Methyl Acetate	2.76	43	142606	44.854	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	322782	45.309	ug/l	97
20) Methylene Chloride	2.84	84	102118	44.716	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	93447	44.815	ug/l	95
22) Diisopropyl ether	3.84	45	318784	44.181	ug/l	97
23) Vinyl Acetate	3.80	43	1380913	218.237	ug/l	97
24) 1,1-Dichloroethane	3.69	63	174991	44.616	ug/l	99
25) 2-Butanone	4.66	43	395579	204.326	ug/l	96
26) 2,2-Dichloropropane	4.57	77	127252	36.479	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	109526	45.269	ug/l	91
28) Bromochloromethane	5.01	49	66110	46.422	ug/l	95
29) Tetrahydrofuran	5.11	42	254626	215.783	ug/l	96
30) Chloroform	5.20	83	178941	44.594	ug/l	96
31) Cyclohexane	5.57	56	155555	43.840	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	157880	44.394	ug/l	99
36) 1,1-Dichloropropene	5.79	75	131352	45.227	ug/l	98
37) Ethyl Acetate	4.82	43	151007	44.474	ug/l	96
38) Carbon Tetrachloride	5.77	117	135150	45.810	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	156641	44.801	ug/l	96
40) Benzene	6.14	78	396962	46.455	ug/l	99
41) Methacrylonitrile	5.03	41	84363	44.284	ug/l	93
42) 1,2-Dichloroethane	6.19	62	147242	45.376	ug/l	98
43) Isopropyl Acetate	6.44	43	249205	43.889	ug/l	97
44) Trichloroethene	7.20	130	102547	46.942	ug/l	97
45) 1,2-Dichloropropane	7.51	63	104184	47.621	ug/l	98
46) Dibromomethane	7.65	93	69342	46.552	ug/l	98
47) Bromodichloromethane	7.89	83	137414	46.158	ug/l	99
48) Methyl methacrylate	7.76	41	122453	44.976	ug/l	92
49) 1,4-Dioxane	7.73	88	54914	889.235	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	786746	224.463	ug/l	96
52) Toluene	8.78	92	251131	46.760	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	149589	45.415	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	164240	45.669	ug/l	91
55) 1,1,2-Trichloroethane	9.21	97	102217	47.872	ug/l	98
56) Ethyl methacrylate	9.17	69	170407	47.504	ug/l	91
57) 1,3-Dichloropropane	9.37	76	176158	47.139	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	396478	246.229	ug/l	100
59) 2-Hexanone	9.49	43	603089	224.792	ug/l	94
60) Dibromochloromethane	9.58	129	105707	48.905	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107458	48.357	ug/l	100
64) Tetrachloroethene	9.33	164	92877	48.572	ug/l	93
65) Chlorobenzene	10.14	112	264821	45.855	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99161	47.389	ug/l	98
67) Ethyl Benzene	10.25	91	484130	46.219	ug/l	99
68) m/p-Xylenes	10.36	106	364855	92.984	ug/l	99
69) o-Xylene	10.70	106	177704	46.804	ug/l	99
70) Styrene	10.71	104	309633	48.646	ug/l	98
71) Bromoform	10.86	173	71696	49.207	ug/l #	100
73) Isopropylbenzene	11.01	105	477548	45.726	ug/l	99
74) N-amyl acetate	10.89	43	219404	44.036	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	160202	46.317	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	149780m	44.158	ug/l	
77) Bromobenzene	11.25	156	108379	45.852	ug/l	99
78) n-propylbenzene	11.35	91	529213	45.010	ug/l	100
79) 2-Chlorotoluene	11.42	91	325592	44.391	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	404205	46.153	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47829	40.410	ug/l	97
82) 4-Chlorotoluene	11.51	91	381073	45.576	ug/l	99
83) tert-Butylbenzene	11.76	119	386177	45.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	408513	46.239	ug/l	100
85) sec-Butylbenzene	11.94	105	454196	46.223	ug/l	99
86) p-Isopropyltoluene	12.06	119	415431	46.855	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	201707	47.419	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	202766	47.173	ug/l	98
89) n-Butylbenzene	12.39	91	350922	44.916	ug/l	100
90) Hexachloroethane	12.59	117	69798	44.157	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	203521	47.790	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39905	46.122	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	125954	48.498	ug/l	99
94) Hexachlorobutadiene	13.78	225	57112	51.117	ug/l	97
95) Naphthalene	13.83	128	448185	47.697	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	127121	48.863	ug/l	100

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

