

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092019\
 Data File : VX012570.D
 Acq On : 20 Sep 2019 20:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2019 11:28:39 AM

Quant Time: Sep 21 03:42:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	179447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299508	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	131921	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125400	48.76	ug/l	0.00
Spiked Amount						
			Recovery	=	97.52%	
35) Dibromofluoromethane	5.49	113	91424	50.43	ug/l	0.00
Spiked Amount						
			Recovery	=	100.86%	
50) Toluene-d8	8.71	98	336826	50.20	ug/l	0.00
Spiked Amount						
			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.14	95	138165	49.59	ug/l	0.00
Spiked Amount						
			Recovery	=	99.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	53616	44.824	ug/l	97
3) Chloromethane	1.32	50	47577	48.226	ug/l	100
4) Vinyl Chloride	1.40	62	51589	48.382	ug/l	92
5) Bromomethane	1.62	94	18336	43.770	ug/l	100
6) Chloroethane	1.70	64	36768	44.065	ug/l	98
7) Trichlorofluoromethane	1.92	101	97184	49.719	ug/l	97
8) Diethyl Ether	2.18	74	43593	49.377	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68871	48.698	ug/l	99
10) Methyl Iodide	2.50	142	57230	47.409	ug/l	97
11) Tert butyl alcohol	3.04	59	154272	236.218	ug/l	99
12) 1,1-Dichloroethene	2.36	96	56104	49.729	ug/l	99
13) Acrolein	2.28	56	52384	231.838	ug/l	97
14) Allyl chloride	2.72	41	129804	49.419	ug/l	99
15) Acrylonitrile	3.13	53	285754	256.403	ug/l	99
16) Acetone	2.44	43	265035	224.732	ug/l	98
17) Carbon Disulfide	2.56	76	63796	40.346	ug/l	98
18) Methyl Acetate	2.76	43	135887	50.705	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	306261	49.788	ug/l	97
20) Methylene Chloride	2.84	84	76472	49.132	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	57918	49.437	ug/l	96
22) Diisopropyl ether	3.84	45	308161	50.108	ug/l	99
23) Vinyl Acetate	3.80	43	1285202	254.042	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149832	50.919	ug/l	97
25) 2-Butanone	4.66	43	418932	234.829	ug/l	100
26) 2,2-Dichloropropane	4.57	77	123606	42.712	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	87958	50.259	ug/l	97
28) Bromochloromethane	5.00	49	75002	49.441	ug/l	97
29) Tetrahydrofuran	5.12	42	251328	255.015	ug/l	99
30) Chloroform	5.20	83	162123	47.974	ug/l	98
31) Cyclohexane	5.57	56	86898	48.921	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	138416	49.006	ug/l	100
36) 1,1-Dichloropropene	5.79	75	88866	48.820	ug/l	98
37) Ethyl Acetate	4.82	43	148833	53.267	ug/l	100
38) Carbon Tetrachloride	5.78	117	110416	48.772	ug/l	99

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39) Methylcyclohexane	7.45	83	86251	48.742	ug/l	98
40) Benzene	6.14	78	295246	51.007	ug/l	99
41) Methacrylonitrile	5.03	41	89693	49.854	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133943	49.891	ug/l	100
43) Isopropyl Acetate	6.43	43	252187	50.287	ug/l	99
44) Trichloroethene	7.21	130	78742	51.714	ug/l	100
45) 1,2-Dichloropropane	7.51	63	90659	50.980	ug/l	98
46) Dibromomethane	7.65	93	57191	49.697	ug/l	100
47) Bromodichloromethane	7.89	83	129250	50.442	ug/l	99
48) Methyl methacrylate	7.76	41	120067	50.790	ug/l	98
49) 1,4-Dioxane	7.73	88	57418	997.965	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	846854	257.501	ug/l	100
52) Toluene	8.78	92	190130	50.975	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	134388	50.454	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	141205	51.207	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	97006	50.482	ug/l	99
56) Ethyl methacrylate	9.17	69	155878	51.883	ug/l	98
57) 1,3-Dichloropropane	9.37	76	156711	51.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	426307	274.117	ug/l	99
59) 2-Hexanone	9.49	43	646513	251.977	ug/l	99
60) Dibromochloromethane	9.58	129	103072	52.659	ug/l	100
61) 1,2-Dibromoethane	9.67	107	90465	51.547	ug/l	97
64) Tetrachloroethene	9.33	164	73659	59.307	ug/l	93
65) Chlorobenzene	10.14	112	225547	50.419	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96816	52.147	ug/l	99
67) Ethyl Benzene	10.25	91	393171	51.156	ug/l	99
68) m/p-Xylenes	10.35	106	289068	103.370	ug/l	99
69) o-Xylene	10.70	106	150102	52.193	ug/l	100
70) Styrene	10.71	104	268129	52.695	ug/l	100
71) Bromoform	10.85	173	72855	45.829	ug/l #	99
73) Isopropylbenzene	11.01	105	415028	50.141	ug/l	99
74) N-amyl acetate	10.89	43	226203	50.760	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	163280	50.287	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	154534m	50.996	ug/l	
77) Bromobenzene	11.25	156	102399	50.726	ug/l	100
78) n-propylbenzene	11.35	91	461911	50.070	ug/l	99
79) 2-Chlorotoluene	11.42	91	292604	48.754	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	355368	50.341	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48278	44.126	ug/l	96
82) 4-Chlorotoluene	11.51	91	342931	49.786	ug/l	100
83) tert-Butylbenzene	11.77	119	365984	48.384	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	361384	49.859	ug/l	99
85) sec-Butylbenzene	11.94	105	417215	50.055	ug/l	99
86) p-Isopropyltoluene	12.06	119	384389	50.222	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194650	51.260	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	196162	50.290	ug/l	99
89) n-Butylbenzene	12.39	91	326214	47.768	ug/l	99
90) Hexachloroethane	12.59	117	68929	49.116	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	203415	51.253	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44156	52.455	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	130872	51.194	ug/l	99
94) Hexachlorobutadiene	13.78	225	54786	45.470	ug/l	97
95) Naphthalene	13.83	128	492385	54.131	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136615	52.442	ug/l	99

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

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