

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091520\
 Data File : VX018427.D
 Acq On : 15 Sep 2020 22:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/16/2020 11:45:11 AM

Quant Time: Sep 16 04:45:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	366324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	575494	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	574491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	316390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	283360	55.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.44%	
35) Dibromofluoromethane	5.47	113	217954	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	
50) Toluene-d8	8.70	98	766095	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
62) 4-Bromofluorobenzene	11.12	95	310816	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	210250	47.141	ug/l	99
3) Chloromethane	1.31	50	197907	42.088	ug/l	97
4) Vinyl Chloride	1.39	62	213402	45.591	ug/l	98
5) Bromomethane	1.63	94	149770	66.337	ug/l	98
6) Chloroethane	1.71	64	128318	51.041	ug/l	98
7) Trichlorofluoromethane	1.92	101	371195	58.157	ug/l	98
8) Diethyl Ether	2.17	74	116149	53.660	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	186477	54.042	ug/l	99
10) Methyl Iodide	2.49	142	195716	52.695	ug/l	95
11) Tert butyl alcohol	3.01	59	241271	244.002	ug/l	96
12) 1,1-Dichloroethene	2.36	96	182962	51.108	ug/l	96
13) Acrolein	2.27	56	124542	303.759	ug/l	99
14) Allyl chloride	2.71	41	325975	50.682	ug/l	96
15) Acrylonitrile	3.12	53	582574	259.730	ug/l	99
16) Acetone	2.42	43	511139	257.939	ug/l	93
17) Carbon Disulfide	2.55	76	461520	42.646	ug/l	98
18) Methyl Acetate	2.75	43	324897	67.943	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	688685	56.094	ug/l	98
20) Methylene Chloride	2.84	84	211003	52.126	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	199100	50.199	ug/l	97
22) Diisopropyl ether	3.82	45	688883	54.267	ug/l	93
23) Vinyl Acetate	3.78	43	2968564	262.809	ug/l	100
24) 1,1-Dichloroethane	3.67	63	386528	53.490	ug/l	97
25) 2-Butanone	4.64	43	817795	251.110	ug/l	99
26) 2,2-Dichloropropane	4.55	77	297024	50.518	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	232884	50.962	ug/l	99
28) Bromochloromethane	4.98	49	176596	50.629	ug/l	99
29) Tetrahydrofuran	5.09	42	509381	245.701	ug/l	98
30) Chloroform	5.18	83	413079	55.207	ug/l	93
31) Cyclohexane	5.55	56	294263	48.343	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	379321	55.242	ug/l	99
36) 1,1-Dichloropropene	5.77	75	280476	52.840	ug/l	99
37) Ethyl Acetate	4.80	43	314053	50.941	ug/l	99
38) Carbon Tetrachloride	5.76	117	348755	58.301	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	298659	51.456	ug/l	98
40) Benzene	6.12	78	826882	53.015	ug/l	99
41) Methacrylonitrile	5.01	41	176521	52.148	ug/l	98
42) 1,2-Dichloroethane	6.17	62	344057	57.575	ug/l	98
43) Isopropyl Acetate	6.41	43	521649	52.387	ug/l	99
44) Trichloroethene	7.19	130	229886	52.163	ug/l	95
45) 1,2-Dichloropropane	7.49	63	225569	53.660	ug/l	97
46) Dibromomethane	7.64	93	164453	55.632	ug/l	96
47) Bromodichloromethane	7.88	83	343113	58.131	ug/l	99
48) Methyl methacrylate	7.74	41	260858	52.624	ug/l	97
49) 1,4-Dioxane	7.71	88	74099	825.237	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1672978	271.990	ug/l	99
52) Toluene	8.77	92	528892	53.477	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	360890	55.168	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	375213	54.145	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	231168	54.804	ug/l	98
56) Ethyl methacrylate	9.16	69	339321	54.113	ug/l	98
57) 1,3-Dichloropropane	9.35	76	372551	53.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	844948	299.542	ug/l	97
59) 2-Hexanone	9.47	43	1256192	268.586	ug/l	100
60) Dibromochloromethane	9.57	129	282800	57.153	ug/l	99
61) 1,2-Dibromoethane	9.65	107	244587	53.410	ug/l	100
64) Tetrachloroethene	9.32	164	201073	47.628	ug/l	94
65) Chlorobenzene	10.12	112	588392	51.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	245011	54.179	ug/l	97
67) Ethyl Benzene	10.24	91	1032557	52.918	ug/l	100
68) m/p-Xylenes	10.34	106	784262	107.685	ug/l	99
69) o-Xylene	10.68	106	375358	53.167	ug/l	98
70) Styrene	10.70	104	666200	55.410	ug/l	99
71) Bromoform	10.84	173	213502	55.350	ug/l	100
73) Isopropylbenzene	11.00	105	1052172	50.417	ug/l	100
74) N-amyl acetate	10.88	43	471620	47.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	357347	48.539	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	335572m	47.679	ug/l	
77) Bromobenzene	11.24	156	274521	47.588	ug/l	99
78) n-propylbenzene	11.34	91	1194310	50.401	ug/l	99
79) 2-Chlorotoluene	11.40	91	733763	50.120	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	897992	52.363	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	121965	46.803	ug/l	98
82) 4-Chlorotoluene	11.49	91	871396	50.068	ug/l	99
83) tert-Butylbenzene	11.76	119	903914	53.409	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	928435	52.952	ug/l	100
85) sec-Butylbenzene	11.93	105	1022442	53.124	ug/l	99
86) p-Isopropyltoluene	12.05	119	972581	55.014	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	504122	49.774	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	500523	49.356	ug/l	98
89) n-Butylbenzene	12.37	91	834947	51.745	ug/l	99
90) Hexachloroethane	12.58	117	195188	56.117	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	476830	50.014	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90471	49.148	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	335387	52.754	ug/l	98
94) Hexachlorobutadiene	13.76	225	127224	50.735	ug/l	89
95) Naphthalene	13.82	128	1039830	49.698	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	317647	50.566	ug/l	95

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

