

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018557.D
 Acq On : 23 Sep 2020 23:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:41 PM

Quant Time: Sep 24 01:59:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	410911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	645403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	598586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	323717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	282396	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.47	113	217270	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.70	98	770331	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.12	95	295831	45.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	209383	53.746	ug/l	100
3) Chloromethane	1.31	50	217844	47.763	ug/l	99
4) Vinyl Chloride	1.39	62	233864	48.434	ug/l	98
5) Bromomethane	1.64	94	162517	54.839	ug/l	99
6) Chloroethane	1.72	64	140368	50.795	ug/l	97
7) Trichlorofluoromethane	1.92	101	403804	55.050	ug/l	97
8) Diethyl Ether	2.17	74	125940	48.935	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	204812	51.875	ug/l	99
10) Methyl Iodide	2.50	142	258430	52.616	ug/l	96
11) Tert butyl alcohol	3.05	59	204135	201.828	ug/l	100
12) 1,1-Dichloroethene	2.36	96	201724	50.692	ug/l	92
13) Acrolein	2.28	56	203743	318.137	ug/l	99
14) Allyl chloride	2.71	41	352670	45.733	ug/l	95
15) Acrylonitrile	3.12	53	566387	234.692	ug/l	98
16) Acetone	2.43	43	488290	219.643	ug/l	100
17) Carbon Disulfide	2.56	76	574333	48.326	ug/l	99
18) Methyl Acetate	2.75	43	270941	49.190	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	733130	52.482	ug/l	98
20) Methylene Chloride	2.84	84	229073	46.702	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	221217	47.832	ug/l	96
22) Diisopropyl ether	3.82	45	729563	50.332	ug/l	98
23) Vinyl Acetate	3.79	43	3234018	251.785	ug/l	99
24) 1,1-Dichloroethane	3.67	63	403989	48.327	ug/l	98
25) 2-Butanone	4.64	43	776556	224.311	ug/l	99
26) 2,2-Dichloropropane	4.56	77	334091	43.255	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	249957	48.220	ug/l	99
28) Bromochloromethane	4.98	49	189829	48.528	ug/l	99
29) Tetrahydrofuran	5.10	42	501472	229.820	ug/l	97
30) Chloroform	5.18	83	443253	52.259	ug/l	97
31) Cyclohexane	5.56	56	337657	47.999	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	414635	52.108	ug/l	98
36) 1,1-Dichloropropene	5.77	75	314791	50.251	ug/l	98
37) Ethyl Acetate	4.79	43	323894	48.419	ug/l	99
38) Carbon Tetrachloride	5.75	117	383180	55.231	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	346062	49.172	ug/l	97
40) Benzene	6.12	78	902596	50.277	ug/l	99
41) Methacrylonitrile	5.01	41	182859	49.195	ug/l	98
42) 1,2-Dichloroethane	6.17	62	374536	53.626	ug/l	98
43) Isopropyl Acetate	6.42	43	542882	48.906	ug/l	99
44) Trichloroethene	7.19	130	260931	50.208	ug/l	99
45) 1,2-Dichloropropane	7.49	63	239142	48.532	ug/l	98
46) Dibromomethane	7.64	93	171858	50.765	ug/l	98
47) Bromodichloromethane	7.88	83	358558	52.554	ug/l	99
48) Methyl methacrylate	7.75	41	268996	49.786	ug/l	98
49) 1,4-Dioxane	7.76	88	67045	750.978	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1629998	246.616	ug/l	100
52) Toluene	8.77	92	577806	51.146	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	386460	49.850	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	401892	50.321	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	240104	51.220	ug/l	99
56) Ethyl methacrylate	9.16	69	354920	51.062	ug/l	99
57) 1,3-Dichloropropane	9.35	76	400784	50.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	882163	238.713	ug/l	99
59) 2-Hexanone	9.48	43	1227626	244.196	ug/l	99
60) Dibromochloromethane	9.57	129	298870	53.468	ug/l	99
61) 1,2-Dibromoethane	9.65	107	256735	51.474	ug/l	100
64) Tetrachloroethene	9.32	164	246656	52.340	ug/l	93
65) Chlorobenzene	10.12	112	631050	51.198	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	258493	52.278	ug/l	98
67) Ethyl Benzene	10.24	91	1123486	52.661	ug/l	95
68) m/p-Xylenes	10.34	106	850133	105.339	ug/l	100
69) o-Xylene	10.68	106	400566	52.414	ug/l	100
70) Styrene	10.70	104	687860	52.128	ug/l	97
71) Bromoform	10.84	173	220426	53.095	ug/l #	98
73) Isopropylbenzene	11.01	105	1112605	51.449	ug/l	100
74) N-amyl acetate	10.88	43	464255	47.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	351212	49.066	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	323943m	47.620	ug/l	
77) Bromobenzene	11.24	156	288386	48.331	ug/l	99
78) n-propylbenzene	11.35	91	1277342	50.462	ug/l	99
79) 2-Chlorotoluene	11.41	91	750262	48.965	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	959163	51.862	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	118397	44.599	ug/l	96
82) 4-Chlorotoluene	11.49	91	906850	49.789	ug/l	98
83) tert-Butylbenzene	11.76	119	914496	50.928	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	953757	51.207	ug/l	98
85) sec-Butylbenzene	11.93	105	1054839	49.786	ug/l	99
86) p-Isopropyltoluene	12.05	119	1002079	51.462	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	524362	48.876	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	518991	47.710	ug/l	97
89) n-Butylbenzene	12.37	91	876260	48.610	ug/l	99
90) Hexachloroethane	12.58	117	188436	48.473	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	517663	51.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	85284	49.079	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	335903	48.064	ug/l	98
94) Hexachlorobutadiene	13.76	225	149502	50.979	ug/l	95
95) Naphthalene	13.82	128	1072892	50.834	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	326258	48.849	ug/l	95

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

