

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091020\
 Data File : VX018348.D
 Acq On : 10 Sep 2020 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:13:50 AM

Quant Time: Sep 11 07:42:04 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	435449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	696352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	674254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	356311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	311693	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	5.46	113	239783	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.70	98	830506	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.12	95	349481	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	236253	44.562	ug/l	99
3) Chloromethane	1.31	50	225942	40.423	ug/l	98
4) Vinyl Chloride	1.39	62	243531	43.769	ug/l	98
5) Bromomethane	1.63	94	152165	56.699	ug/l	98
6) Chloroethane	1.71	64	146209	48.925	ug/l	100
7) Trichlorofluoromethane	1.92	101	404530	53.319	ug/l	98
8) Diethyl Ether	2.17	74	127440	49.530	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203771	49.679	ug/l	98
10) Methyl Iodide	2.50	142	198228	45.681	ug/l	95
11) Tert butyl alcohol	3.01	59	269424	229.220	ug/l	99
12) 1,1-Dichloroethene	2.36	96	197315	46.368	ug/l	95
13) Acrolein	2.28	56	164140	336.788	ug/l	98
14) Allyl chloride	2.71	41	372304	48.696	ug/l	97
15) Acrylonitrile	3.12	53	637831	239.224	ug/l	99
16) Acetone	2.42	43	553900	235.146	ug/l	96
17) Carbon Disulfide	2.55	76	518463	40.303	ug/l	99
18) Methyl Acetate	2.75	43	322652	56.763	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	758186	51.952	ug/l	100
20) Methylene Chloride	2.84	84	229427	47.578	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	219506	46.558	ug/l	94
22) Diisopropyl ether	3.83	45	740324	49.062	ug/l	98
23) Vinyl Acetate	3.79	43	3303669	246.047	ug/l	99
24) 1,1-Dichloroethane	3.67	63	421337	49.051	ug/l	99
25) 2-Butanone	4.64	43	901296	232.817	ug/l	98
26) 2,2-Dichloropropane	4.55	77	364207	52.112	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	252056	46.401	ug/l	99
28) Bromochloromethane	4.98	49	197828	47.713	ug/l	96
29) Tetrahydrofuran	5.09	42	565755	229.573	ug/l	97
30) Chloroform	5.18	83	442153	49.712	ug/l	96
31) Cyclohexane	5.55	56	328698	45.428	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	414046	50.727	ug/l	99
36) 1,1-Dichloropropene	5.78	75	306291	47.688	ug/l	99
37) Ethyl Acetate	4.79	43	351529	47.124	ug/l	99
38) Carbon Tetrachloride	5.76	117	378686	52.318	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	322800	45.962	ug/l	99
40) Benzene	6.11	78	887970	47.051	ug/l	99
41) Methacrylonitrile	5.00	41	193908	47.342	ug/l	97
42) 1,2-Dichloroethane	6.17	62	375236	51.894	ug/l	97
43) Isopropyl Acetate	6.42	43	584791	48.536	ug/l	99
44) Trichloroethene	7.19	130	256912	48.177	ug/l	97
45) 1,2-Dichloropropane	7.49	63	241499	47.478	ug/l	96
46) Dibromomethane	7.63	93	172894	48.336	ug/l	99
47) Bromodichloromethane	7.88	83	363895	50.951	ug/l	97
48) Methyl methacrylate	7.74	41	287125	47.870	ug/l	98
49) 1,4-Dioxane	7.71	88	79557	732.246	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1812862	243.578	ug/l	100
52) Toluene	8.77	92	578116	48.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	402821	50.890	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	408709	48.742	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	247816	48.554	ug/l	98
56) Ethyl methacrylate	9.16	69	376882	49.672	ug/l	98
57) 1,3-Dichloropropane	9.35	76	410035	48.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	940176	275.454	ug/l	99
59) 2-Hexanone	9.48	43	1404558	248.187	ug/l	100
60) Dibromochloromethane	9.57	129	307565	51.369	ug/l	98
61) 1,2-Dibromoethane	9.65	107	266039	48.012	ug/l	100
64) Tetrachloroethene	9.32	164	234887	47.406	ug/l	91
65) Chlorobenzene	10.12	112	644360	47.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	265111	49.950	ug/l	99
67) Ethyl Benzene	10.24	91	1122108	48.999	ug/l	99
68) m/p-Xylenes	10.34	106	862163	100.866	ug/l	96
69) o-Xylene	10.68	106	403624	48.711	ug/l	96
70) Styrene	10.70	104	720361	51.050	ug/l	97
71) Bromoform	10.84	173	242073	53.472	ug/l #	98
73) Isopropylbenzene	11.01	105	1139076	48.466	ug/l	98
74) N-amyl acetate	10.88	43	528434	47.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	371871	44.853	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	361297m	45.582	ug/l	
77) Bromobenzene	11.24	156	305112	46.965	ug/l	97
78) n-propylbenzene	11.34	91	1297050	48.604	ug/l	99
79) 2-Chlorotoluene	11.40	91	791571	48.011	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	992086	51.368	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	138475	47.185	ug/l	97
82) 4-Chlorotoluene	11.49	91	958535	48.904	ug/l	99
83) tert-Butylbenzene	11.76	119	961107	50.426	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	988849	50.079	ug/l	100
85) sec-Butylbenzene	11.93	105	1110245	51.223	ug/l	100
86) p-Isopropyltoluene	12.05	119	1057937	53.137	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	553040	48.486	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	548481	48.025	ug/l	98
89) n-Butylbenzene	12.37	91	911679	50.170	ug/l	99
90) Hexachloroethane	12.58	117	202090	51.591	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	521899	48.608	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	97136	46.857	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	360366	50.333	ug/l	99
94) Hexachlorobutadiene	13.77	225	152397	53.965	ug/l	95
95) Naphthalene	13.82	128	1184964	50.290	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	355974	50.318	ug/l	97

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

