

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019041.D
 Acq On : 22 Oct 2020 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 12:05:00 PM

Quant Time: Oct 23 09:48:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	237147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	403286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	378256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	192454	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	143289	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.47	113	124056	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	8.70	98	478556	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.12	95	173199	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	114926	48.653	ug/l	100
3) Chloromethane	1.31	50	110619	47.099	ug/l	99
4) Vinyl Chloride	1.39	62	138307	49.907	ug/l	99
5) Bromomethane	1.64	94	117418	46.198	ug/l	96
6) Chloroethane	1.71	64	95232	49.282	ug/l	97
7) Trichlorofluoromethane	1.92	101	231180	49.364	ug/l	99
8) Diethyl Ether	2.17	74	89448	48.778	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	107057	48.253	ug/l	99
10) Methyl Iodide	2.49	142	96701	32.730	ug/l	100
11) Tert butyl alcohol	3.03	59	141597	246.118	ug/l	100
12) 1,1-Dichloroethene	2.36	96	112742	48.844	ug/l	97
13) Acrolein	2.28	56	51183	236.692	ug/l	94
14) Allyl chloride	2.71	41	143109	47.926	ug/l	100
15) Acrylonitrile	3.12	53	273271	245.631	ug/l	100
16) Acetone	2.42	43	230844	238.585	ug/l	98
17) Carbon Disulfide	2.55	76	308046	46.274	ug/l	100
18) Methyl Acetate	2.75	43	120991	50.393	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	368419	50.388	ug/l	100
20) Methylene Chloride	2.84	84	132722	49.272	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	130753	48.546	ug/l	96
22) Diisopropyl ether	3.82	45	295569	50.197	ug/l	97
23) Vinyl Acetate	3.78	43	1412471	252.628	ug/l	99
24) 1,1-Dichloroethane	3.67	63	215199	50.185	ug/l	99
25) 2-Butanone	4.64	43	377489	246.916	ug/l	100
26) 2,2-Dichloropropane	4.55	77	173232	43.754	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	152910	50.024	ug/l	98
28) Bromochloromethane	4.98	49	92679	50.899	ug/l	97
29) Tetrahydrofuran	5.09	42	217196	237.692	ug/l	99
30) Chloroform	5.18	83	238128	51.150	ug/l	95
31) Cyclohexane	5.55	56	158499	47.647	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	212279	50.275	ug/l	99
36) 1,1-Dichloropropene	5.77	75	173168	47.854	ug/l	99
37) Ethyl Acetate	4.79	43	152314	49.315	ug/l	98
38) Carbon Tetrachloride	5.76	117	182117	47.948	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	182778	45.084	ug/l	100
40) Benzene	6.11	78	532001	49.918	ug/l	99
41) Methacrylonitrile	5.00	41	81770	49.286	ug/l	98
42) 1,2-Dichloroethane	6.16	62	181268	49.839	ug/l	100
43) Isopropyl Acetate	6.41	43	256492	49.034	ug/l	99
44) Trichloroethene	7.19	130	148764	47.865	ug/l	91
45) 1,2-Dichloropropane	7.49	63	126337	49.420	ug/l	96
46) Dibromomethane	7.63	93	94973	48.778	ug/l	100
47) Bromodichloromethane	7.87	83	189316	49.590	ug/l	98
48) Methyl methacrylate	7.74	41	122261	47.436	ug/l	99
49) 1,4-Dioxane	7.73	88	57036	979.420	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	770137	249.857	ug/l	100
52) Toluene	8.76	92	347350	49.346	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	210140	48.744	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	219713	48.262	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	142085	49.515	ug/l	98
56) Ethyl methacrylate	9.16	69	208741	50.562	ug/l	100
57) 1,3-Dichloropropane	9.35	76	229327	50.349	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	531054	244.871	ug/l	100
59) 2-Hexanone	9.48	43	577859	251.572	ug/l	100
60) Dibromochloromethane	9.57	129	152811	48.858	ug/l	96
61) 1,2-Dibromoethane	9.65	107	150916	49.154	ug/l	98
64) Tetrachloroethene	9.32	164	132221	45.912	ug/l	96
65) Chlorobenzene	10.12	112	379322	47.808	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	140633	49.854	ug/l	99
67) Ethyl Benzene	10.24	91	667537	48.809	ug/l	99
68) m/p-Xylenes	10.34	106	515198	98.339	ug/l	100
69) o-Xylene	10.68	106	247108	49.283	ug/l	99
70) Styrene	10.70	104	422182	49.593	ug/l	100
71) Bromoform	10.84	173	112523	49.413	ug/l #	100
73) Isopropylbenzene	11.00	105	655268	47.330	ug/l	99
74) N-amyl acetate	10.88	43	219578	49.501	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	209219	50.163	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	189054m	49.148	ug/l	
77) Bromobenzene	11.24	156	164474	47.040	ug/l	99
78) n-propylbenzene	11.34	91	741326	47.255	ug/l	100
79) 2-Chlorotoluene	11.40	91	437912	47.849	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548343	47.962	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	67349	44.608	ug/l	97
82) 4-Chlorotoluene	11.49	91	521534	47.892	ug/l	99
83) tert-Butylbenzene	11.76	119	538892	47.848	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	551381	48.163	ug/l	99
85) sec-Butylbenzene	11.93	105	644456	47.286	ug/l	100
86) p-Isopropyltoluene	12.05	119	587454	47.174	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	306567	47.797	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	310739	47.209	ug/l	99
89) n-Butylbenzene	12.37	91	527508	46.278	ug/l	100
90) Hexachloroethane	12.58	117	94887	49.772	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	291305	48.712	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44923	47.302	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	200344	45.792	ug/l	100
94) Hexachlorobutadiene	13.77	225	82641	40.743	ug/l	96
95) Naphthalene	13.82	128	672688	48.867	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	190405	44.710	ug/l	98

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

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