

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017487.D
 Acq On : 23 Jul 2020 12:52
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX072320

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:58 PM

Quant Time: Jul 24 06:11:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	635579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1023771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	954393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	524079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	423619	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	5.46	113	327649	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
50) Toluene-d8	8.70	98	1111202	44.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.98%	
62) 4-Bromofluorobenzene	11.12	95	493380	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	342190	58.198	ug/l	97
3) Chloromethane	1.31	50	428852	54.553	ug/l	100
4) Vinyl Chloride	1.39	62	417582	52.211	ug/l	100
5) Bromomethane	1.62	94	243583	57.095	ug/l	95
6) Chloroethane	1.71	64	239205	54.303	ug/l	100
7) Trichlorofluoromethane	1.92	101	634220	50.415	ug/l	99
8) Diethyl Ether	2.17	74	216786	53.242	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	353659	51.229	ug/l	97
10) Methyl Iodide	2.49	142	420432	47.604	ug/l	100
11) Tert butyl alcohol	3.01	59	424975	246.979	ug/l	99
12) 1,1-Dichloroethene	2.36	96	336764	51.298	ug/l	98
13) Acrolein	2.27	56	299666	228.467	ug/l	99
14) Allyl chloride	2.71	41	646144	53.903	ug/l	99
15) Acrylonitrile	3.12	53	928815	249.917	ug/l	99
16) Acetone	2.42	43	874845	243.459	ug/l	98
17) Carbon Disulfide	2.55	76	1034487	51.844	ug/l	99
18) Methyl Acetate	2.75	43	431103	50.940	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1101687	48.485	ug/l	98
20) Methylene Chloride	2.83	84	378937	56.150	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	349109	49.640	ug/l	98
22) Diisopropyl ether	3.82	45	1104626	50.398	ug/l	94
23) Vinyl Acetate	3.78	43	5055603	258.694	ug/l	99
24) 1,1-Dichloroethane	3.67	63	632814	50.119	ug/l	98
25) 2-Butanone	4.64	43	1315097	257.620	ug/l	98
26) 2,2-Dichloropropane	4.55	77	603092	53.361	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	389253	50.958	ug/l	100
28) Bromochloromethane	4.98	49	277809	48.554	ug/l	99
29) Tetrahydrofuran	5.09	42	825552	261.083	ug/l	99
30) Chloroform	5.17	83	651914	50.532	ug/l	98
31) Cyclohexane	5.55	56	551034	54.728	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	644860	53.007	ug/l	100
36) 1,1-Dichloropropene	5.77	75	502951	51.223	ug/l	100
37) Ethyl Acetate	4.79	43	516655	48.091	ug/l	100
38) Carbon Tetrachloride	5.75	117	585368	49.093	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	585932	51.118	ug/l	99
40) Benzene	6.12	78	1446886	51.399	ug/l	97
41) Methacrylonitrile	5.00	41	294748	47.864	ug/l	99
42) 1,2-Dichloroethane	6.16	62	577406	50.137	ug/l	99
43) Isopropyl Acetate	6.41	43	843113	47.564	ug/l	99
44) Trichloroethene	7.18	130	433145	52.651	ug/l	98
45) 1,2-Dichloropropane	7.49	63	353813	45.339	ug/l	99
46) Dibromomethane	7.63	93	272830	49.471	ug/l	99
47) Bromodichloromethane	7.87	83	566374	51.039	ug/l	99
48) Methyl methacrylate	7.74	41	458748	52.210	ug/l	99
49) 1,4-Dioxane	7.71	88	195230	1158.912	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2598006	245.642	ug/l	99
52) Toluene	8.76	92	844951	46.803	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	584644	47.065	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	635757	50.177	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	340761	45.311	ug/l	99
56) Ethyl methacrylate	9.16	69	541246	47.770	ug/l	99
57) 1,3-Dichloropropane	9.35	76	585754	47.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1354636	226.933	ug/l	100
59) 2-Hexanone	9.48	43	1969303	247.312	ug/l	99
60) Dibromochloromethane	9.57	129	460859	48.213	ug/l	98
61) 1,2-Dibromoethane	9.65	107	389901	48.696	ug/l	100
64) Tetrachloroethene	9.32	164	402114	46.943	ug/l	94
65) Chlorobenzene	10.12	112	1006928	48.743	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	398720	47.823	ug/l	98
67) Ethyl Benzene	10.24	91	1709591	49.577	ug/l	100
68) m/p-Xylenes	10.34	106	1483329	111.036	ug/l	99
69) o-Xylene	10.68	106	667404	51.945	ug/l	100
70) Styrene	10.70	104	1164289	53.261	ug/l	99
71) Bromoform	10.84	173	348500	48.247	ug/l #	97
73) Isopropylbenzene	11.00	105	1919795	53.398	ug/l	99
74) N-amyl acetate	10.88	43	792759	49.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	498008	44.377	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	502225m	46.586	ug/l	
77) Bromobenzene	11.24	156	462446	45.946	ug/l	97
78) n-propylbenzene	11.34	91	1980382	48.839	ug/l	99
79) 2-Chlorotoluene	11.40	91	1177905	46.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1475753	48.075	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	223591	52.261	ug/l	97
82) 4-Chlorotoluene	11.49	91	1396726	47.139	ug/l	99
83) tert-Butylbenzene	11.76	119	1480613	50.408	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1570171	51.428	ug/l	100
85) sec-Butylbenzene	11.93	105	1919258	56.091	ug/l	100
86) p-Isopropyltoluene	12.05	119	1807625	55.475	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	922830	53.392	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	905868	50.598	ug/l	99
89) n-Butylbenzene	12.37	91	1482595	51.062	ug/l	99
90) Hexachloroethane	12.58	117	312882	48.705	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	798955	47.032	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	144248	45.687	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	579391	49.975	ug/l	99
94) Hexachlorobutadiene	13.77	225	268103	50.237	ug/l	94
95) Naphthalene	13.82	128	1849992	53.453	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	614558	53.685	ug/l	99

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

