

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015837.D
 Acq On : 22 Apr 2020 13:11
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX042220

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:58:21 AM

Quant Time: Apr 23 06:01:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	987627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1426833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1355744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	720223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	476190	42.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.78%	
35) Dibromofluoromethane	5.47	113	372378	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
50) Toluene-d8	8.70	98	1465933	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
62) 4-Bromofluorobenzene	11.12	95	595373	43.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	509389	60.255	ug/l	99
3) Chloromethane	1.31	50	492154	56.843	ug/l	99
4) Vinyl Chloride	1.39	62	524903	52.377	ug/l	100
5) Bromomethane	1.62	94	219247	65.230	ug/l	100
6) Chloroethane	1.71	64	304614	53.340	ug/l	99
7) Trichlorofluoromethane	1.92	101	700927	56.372	ug/l	100
8) Diethyl Ether	2.17	74	263104	52.179	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	451360	53.512	ug/l	99
10) Methyl Iodide	2.49	142	605165	58.073	ug/l	98
11) Tert butyl alcohol	3.01	59	538128	234.472	ug/l	100
12) 1,1-Dichloroethene	2.36	96	449185	51.926	ug/l	98
13) Acrolein	2.27	56	264448	194.735	ug/l	98
14) Allyl chloride	2.71	41	958019	52.117	ug/l	99
15) Acrylonitrile	3.11	53	1368981	256.980	ug/l	99
16) Acetone	2.42	43	1092931	223.455	ug/l	98
17) Carbon Disulfide	2.55	76	1309928	41.699	ug/l	98
18) Methyl Acetate	2.75	43	792885	49.105	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1615007	52.884	ug/l	100
20) Methylene Chloride	2.83	84	503283	50.687	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	501472	52.248	ug/l	97
22) Diisopropyl ether	3.83	45	1741967	52.578	ug/l	97
23) Vinyl Acetate	3.78	43	7176927	261.730	ug/l	100
24) 1,1-Dichloroethane	3.67	63	914763	52.973	ug/l	100
25) 2-Butanone	4.64	43	1835061	237.371	ug/l	97
26) 2,2-Dichloropropane	4.55	77	833388	54.026	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	577453	52.995	ug/l	99
28) Bromochloromethane	4.98	49	409637	45.208	ug/l	100
29) Tetrahydrofuran	5.09	42	1258921	246.201	ug/l	99
30) Chloroform	5.18	83	893686	51.437	ug/l	98
31) Cyclohexane	5.55	56	881717	53.726	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	815284	52.629	ug/l	99
36) 1,1-Dichloropropene	5.77	75	708673	56.025	ug/l	99
37) Ethyl Acetate	4.80	43	781270	51.897	ug/l	99
38) Carbon Tetrachloride	5.76	117	698892	56.093	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	899405	56.148	ug/l	99
40) Benzene	6.11	78	2060822	54.094	ug/l	100
41) Methacrylonitrile	5.00	41	452840	54.134	ug/l	99
42) 1,2-Dichloroethane	6.16	62	735950	53.646	ug/l	100
43) Isopropyl Acetate	6.41	43	1344549	52.948	ug/l	100
44) Trichloroethene	7.19	130	736792	55.031	ug/l	93
45) 1,2-Dichloropropane	7.49	63	543965	54.484	ug/l	97
46) Dibromomethane	7.64	93	373285	51.218	ug/l	99
47) Bromodichloromethane	7.87	83	710858	54.826	ug/l	99
48) Methyl methacrylate	7.75	41	671348	53.746	ug/l	100
49) 1,4-Dioxane	7.72	88	222323	941.770	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	3820009	260.617	ug/l	100
52) Toluene	8.76	92	1346302	55.132	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	895076	55.638	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	929146	54.646	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	511047	53.595	ug/l	96
56) Ethyl methacrylate	9.16	69	873530	54.084	ug/l	100
57) 1,3-Dichloropropane	9.36	76	889886	53.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2246050	278.372	ug/l	99
59) 2-Hexanone	9.47	43	2784160	249.337	ug/l	99
60) Dibromochloromethane	9.57	129	554714	56.333	ug/l	96
61) 1,2-Dibromoethane	9.65	107	561253	53.257	ug/l	99
64) Tetrachloroethene	9.32	164	978444	53.543	ug/l	96
65) Chlorobenzene	10.12	112	1450847	53.516	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	540633	53.349	ug/l	95
67) Ethyl Benzene	10.23	91	2581697	54.228	ug/l	99
68) m/p-Xylenes	10.34	106	1951335	109.197	ug/l	100
69) o-Xylene	10.68	106	950485	54.051	ug/l	98
70) Styrene	10.70	104	1656780	54.413	ug/l	99
71) Bromoform	10.84	173	369584	55.968	ug/l #	97
73) Isopropylbenzene	11.00	105	2567897	56.140	ug/l	100
74) N-amyl acetate	10.88	43	1236981	52.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	514137	53.111	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	725462m	52.971	ug/l	
77) Bromobenzene	11.24	156	676906	54.161	ug/l	98
78) n-propylbenzene	11.34	91	2932861	55.972	ug/l	99
79) 2-Chlorotoluene	11.40	91	1721836	54.705	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2152467	55.187	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	302551	53.141	ug/l #	76
82) 4-Chlorotoluene	11.50	91	2070000	55.345	ug/l	100
83) tert-Butylbenzene	11.76	119	1906917	55.118	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2218267	54.782	ug/l	99
85) sec-Butylbenzene	11.93	105	2539839	55.690	ug/l	100
86) p-Isopropyltoluene	12.05	119	2402080	56.326	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1246271	54.323	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1221012	53.167	ug/l	98
89) n-Butylbenzene	12.37	91	2167042	56.835	ug/l	98
90) Hexachloroethane	12.58	117	285516	63.376	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1170810	53.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	152257	53.037	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	954055	55.648	ug/l	99
94) Hexachlorobutadiene	13.77	225	490183	63.768	ug/l	98
95) Naphthalene	13.82	128	2640672	53.536	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	908448	54.311	ug/l	99

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

