

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015901.D
 Acq On : 23 Apr 2020 19:17
 Operator : JC/SP
 Sample : L2403-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MSD

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:00 AM

Quant Time: Apr 24 07:40:52 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	5.64	168	840311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1296744	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1231307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	650383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	473564	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
35) Dibromofluoromethane	5.47	113	368302	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.70	98	1445743	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
62) 4-Bromofluorobenzene	11.12	95	582827	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	408511	56.794	ug/l	100
3) Chloromethane	1.31	50	356862	48.443	ug/l	99
4) Vinyl Chloride	1.39	62	438446	51.420	ug/l	98
5) Bromomethane	1.62	94	165465	57.859	ug/l	98
6) Chloroethane	1.71	64	234310	48.222	ug/l	98
7) Trichlorofluoromethane	1.92	101	549435	51.935	ug/l	97
8) Diethyl Ether	2.17	74	201954	47.074	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	342604	47.739	ug/l	100
10) Methyl Iodide	2.49	142	414391	46.737	ug/l	98
11) Tert butyl alcohol	3.01	59	482140	246.905	ug/l	99
12) 1,1-Dichloroethene	2.36	96	352770	47.930	ug/l	99
13) Acrolein	2.27	56	275883	238.771	ug/l	99
14) Allyl chloride	2.71	41	746626	47.738	ug/l	99
15) Acrylonitrile	3.12	53	1160077	255.942	ug/l	100
16) Acetone	2.42	43	966400	232.224	ug/l	99
17) Carbon Disulfide	2.55	76	936134	35.024	ug/l	99
18) Methyl Acetate	2.75	43	618467	45.018	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1338200	51.502	ug/l	98
20) Methylene Chloride	2.84	84	408292	48.329	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	403122	49.365	ug/l	95
22) Diisopropyl ether	3.83	45	1419333	50.350	ug/l	93
23) Vinyl Acetate	3.79	43	5437232	233.049	ug/l	100
24) 1,1-Dichloroethane	3.67	63	741129	50.442	ug/l	99
25) 2-Butanone	4.64	43	1640136	249.351	ug/l	97
26) 2,2-Dichloropropane	4.56	77	573794	43.718	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	466972	50.369	ug/l	99
28) Bromochloromethane	4.98	49	345708	44.841	ug/l	98
29) Tetrahydrofuran	5.09	42	1084321	249.231	ug/l	100
30) Chloroform	5.18	83	737521	49.890	ug/l	97
31) Cyclohexane	5.55	56	693624	49.674	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	675515	51.251	ug/l	99
36) 1,1-Dichloropropene	5.77	75	566198	49.252	ug/l	99
37) Ethyl Acetate	4.80	43	605974	44.291	ug/l	99
38) Carbon Tetrachloride	5.76	117	581942	51.392	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	672854	46.219	ug/l	98
40) Benzene	6.12	78	1663918	48.057	ug/l	100
41) Methacrylonitrile	5.00	41	374067	49.203	ug/l	98
42) 1,2-Dichloroethane	6.17	62	613959	49.243	ug/l	100
43) Isopropyl Acetate	6.42	43	1076847	46.660	ug/l	100
44) Trichloroethene	7.19	130	546992	44.954	ug/l	99
45) 1,2-Dichloropropane	7.50	63	442201	48.734	ug/l	99
46) Dibromomethane	7.64	93	296748	44.801	ug/l	99
47) Bromodichloromethane	7.88	83	605527	51.387	ug/l	99
48) Methyl methacrylate	7.75	41	552300	48.651	ug/l	98
49) 1,4-Dioxane	7.71	88	193287	900.912	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3296445	247.459	ug/l	99
52) Toluene	8.77	92	1089230	49.079	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	710985	48.629	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	742539	48.052	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	438201	50.566	ug/l	98
56) Ethyl methacrylate	9.16	69	716624	48.821	ug/l	99
57) 1,3-Dichloropropane	9.35	76	744582	49.444	ug/l	99
59) 2-Hexanone	9.47	43	2508281	247.165	ug/l	100
60) Dibromochloromethane	9.57	129	493610	55.156	ug/l	97
61) 1,2-Dibromoethane	9.65	107	468210	48.885	ug/l	100
64) Tetrachloroethene	9.32	164	704813	42.467	ug/l	97
65) Chlorobenzene	10.12	112	1180329	47.938	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	461497	50.142	ug/l	98
67) Ethyl Benzene	10.24	91	2079465	48.093	ug/l	100
68) m/p-Xylenes	10.34	106	1572379	96.883	ug/l	99
69) o-Xylene	10.68	106	769860	48.204	ug/l	100
70) Styrene	10.70	104	1360105	49.184	ug/l	100
71) Bromoform	10.84	173	379166	63.222	ug/l #	97
73) Isopropylbenzene	11.00	105	2090380	50.607	ug/l	100
74) N-amyl acetate	10.88	43	967478	45.370	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	494361	56.552	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	613137m	49.576	ug/l	
77) Bromobenzene	11.24	156	542287	48.049	ug/l	93
78) n-propylbenzene	11.34	91	2374146	50.175	ug/l	100
79) 2-Chlorotoluene	11.40	91	1422105	50.034	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1765687	50.132	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	230467	44.827	ug/l	98
82) 4-Chlorotoluene	11.49	91	1694772	50.178	ug/l	100
83) tert-Butylbenzene	11.76	119	1596630	51.105	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1809686	49.491	ug/l	99
85) sec-Butylbenzene	11.93	105	2015230	48.932	ug/l	99
86) p-Isopropyltoluene	12.05	119	1922188	49.914	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	993870	47.973	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	996211	48.037	ug/l	97
89) n-Butylbenzene	12.37	91	1642052	47.691	ug/l	99
90) Hexachloroethane	12.58	117	302556	74.370	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	920966	46.870	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	145074	55.961	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	747748	48.298	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	317397	45.724	ug/l	98
95) Naphthalene	13.82	128	2178094	48.899	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	733943	48.590	ug/l	96

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

