

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015900.D
 Acq On : 23 Apr 2020 18:54
 Operator : JC/SP
 Sample : L2403-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S73-0240MS

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:34:55 AM

Quant Time: Apr 24 07:37:26 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	789655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1237480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1171216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	641588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	483420	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	5.47	113	377712	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	8.70	98	1453732	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.12	95	611636	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	387737	57.364	ug/l	98
3) Chloromethane	1.31	50	345866	49.962	ug/l	99
4) Vinyl Chloride	1.39	62	429214	53.567	ug/l	99
5) Bromomethane	1.62	94	149816	55.747	ug/l	99
6) Chloroethane	1.71	64	227106	49.738	ug/l	98
7) Trichlorofluoromethane	1.92	101	528645	53.175	ug/l	99
8) Diethyl Ether	2.17	74	194894	48.342	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	323940	48.034	ug/l	99
10) Methyl Iodide	2.49	142	354589	42.558	ug/l	99
11) Tert butyl alcohol	3.01	59	479262	261.176	ug/l	99
12) 1,1-Dichloroethene	2.36	96	347692	50.270	ug/l	96
13) Acrolein	2.27	56	276741	254.878	ug/l	99
14) Allyl chloride	2.71	41	739814	50.337	ug/l	99
15) Acrylonitrile	3.12	53	1154506	271.052	ug/l	100
16) Acetone	2.42	43	948470	242.536	ug/l	100
17) Carbon Disulfide	2.55	76	893636	35.579	ug/l	100
18) Methyl Acetate	2.75	43	609185	47.187	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1302937	53.362	ug/l	100
20) Methylene Chloride	2.84	84	401191	50.535	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	387396	50.482	ug/l	98
22) Diisopropyl ether	3.83	45	1401070	52.890	ug/l	95
23) Vinyl Acetate	3.79	43	5362280	244.580	ug/l	99
24) 1,1-Dichloroethane	3.67	63	727023	52.656	ug/l	99
25) 2-Butanone	4.64	43	1642896	265.793	ug/l	99
26) 2,2-Dichloropropane	4.55	77	561789	45.549	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	459594	52.753	ug/l	98
28) Bromochloromethane	4.98	49	351109	48.463	ug/l #	99
29) Tetrahydrofuran	5.09	42	1075610	263.089	ug/l	100
30) Chloroform	5.18	83	714968	51.467	ug/l	99
31) Cyclohexane	5.56	56	676626	51.566	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	656393	52.995	ug/l	100
36) 1,1-Dichloropropene	5.78	75	544325	49.617	ug/l	99
37) Ethyl Acetate	4.80	43	612378	46.903	ug/l	99
38) Carbon Tetrachloride	5.76	117	573681	53.089	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	650069	46.793	ug/l	98
40) Benzene	6.12	78	1649983	49.937	ug/l	99
41) Methacrylonitrile	5.01	41	374795	51.660	ug/l	99
42) 1,2-Dichloroethane	6.17	62	598065	50.265	ug/l	100
43) Isopropyl Acetate	6.42	43	1058258	48.051	ug/l	100
44) Trichloroethene	7.19	130	535429	46.111	ug/l	97
45) 1,2-Dichloropropane	7.50	63	435252	50.266	ug/l	98
46) Dibromomethane	7.64	93	300948	47.611	ug/l	96
47) Bromodichloromethane	7.88	83	586129	52.123	ug/l	99
48) Methyl methacrylate	7.75	41	545872	50.388	ug/l	99
49) 1,4-Dioxane	7.72	88	188231	919.362	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	3258367	256.314	ug/l	100
52) Toluene	8.77	92	1050879	49.619	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	697495	49.991	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	723607	49.070	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	429510	51.937	ug/l	97
56) Ethyl methacrylate	9.16	69	695937	49.682	ug/l	98
57) 1,3-Dichloropropane	9.36	76	728070	50.663	ug/l	100
59) 2-Hexanone	9.47	43	2482243	256.314	ug/l	100
60) Dibromochloromethane	9.57	129	471036	55.154	ug/l	98
61) 1,2-Dibromoethane	9.65	107	451855	49.437	ug/l	100
64) Tetrachloroethene	9.32	164	682869	43.256	ug/l	98
65) Chlorobenzene	10.12	112	1154854	49.309	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	451442	51.566	ug/l	99
67) Ethyl Benzene	10.23	91	2012837	48.940	ug/l	100
68) m/p-Xylenes	10.34	106	1550998	100.469	ug/l	98
69) o-Xylene	10.68	106	759448	49.992	ug/l	97
70) Styrene	10.70	104	1306995	49.688	ug/l	100
71) Bromoform	10.84	173	368716	64.633	ug/l #	100
73) Isopropylbenzene	11.00	105	2051563	50.349	ug/l	99
74) N-amyl acetate	10.88	43	952300	45.271	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	481335	55.817	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	615838m	50.477	ug/l	
77) Bromobenzene	11.24	156	552590	49.633	ug/l	98
78) n-propylbenzene	11.34	91	2266640	48.559	ug/l	100
79) 2-Chlorotoluene	11.40	91	1379499	49.200	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	1706582	49.118	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	228403	45.034	ug/l	99
82) 4-Chlorotoluene	11.50	91	1630826	48.947	ug/l	100
83) tert-Butylbenzene	11.76	119	1543111	50.069	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1765720	48.951	ug/l	99
85) sec-Butylbenzene	11.93	105	1972123	48.542	ug/l	100
86) p-Isopropyltoluene	12.05	119	1838326	48.390	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	989534	48.418	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	981725	47.987	ug/l	96
89) n-Butylbenzene	12.37	91	1600482	47.121	ug/l	99
90) Hexachloroethane	12.58	117	292325	72.840	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	930373	47.998	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	143093	55.954	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	695154	45.516	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	301117	43.973	ug/l	97
95) Naphthalene	13.82	128	2112833	48.084	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	677893	45.495	ug/l	97

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

