

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015726.D
 Acq On : 16 Apr 2020 20:32
 Operator : JC/SP
 Sample : L2294-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MS

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:09 AM

Quant Time: Apr 17 08:50:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1023926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1512759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1412999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	784350	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	644450	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
35) Dibromofluoromethane	5.47	113	500665	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	8.70	98	1868607	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.12	95	751288	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	363861	40.335	ug/l	100
3) Chloromethane	1.31	50	478589	41.659	ug/l	99
4) Vinyl Chloride	1.39	62	469198	44.479	ug/l	98
5) Bromomethane	1.62	94	261885	54.602	ug/l	100
6) Chloroethane	1.71	64	294033	44.943	ug/l	98
7) Trichlorofluoromethane	1.92	101	654188	46.243	ug/l	97
8) Diethyl Ether	2.17	74	265939	44.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	430614	46.693	ug/l	96
10) Methyl Iodide	2.49	142	431819	34.729	ug/l	98
11) Tert butyl alcohol	3.01	59	621069	179.675	ug/l	99
12) 1,1-Dichloroethene	2.36	96	429021	44.380	ug/l	97
13) Acrolein	2.27	56	581389	295.265	ug/l	99
14) Allyl chloride	2.71	41	898496	39.778	ug/l	99
15) Acrylonitrile	3.12	53	1432455	217.301	ug/l	100
16) Acetone	2.42	43	1255925	202.427	ug/l	98
17) Carbon Disulfide	2.55	76	1092029	37.031	ug/l	100
18) Methyl Acetate	2.75	43	672988	42.499	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1627945	43.421	ug/l	99
20) Methylene Chloride	2.84	84	501332	43.260	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	471385	43.938	ug/l	99
22) Diisopropyl ether	3.83	45	1769989	44.222	ug/l	95
23) Vinyl Acetate	3.79	43	7390998	203.952	ug/l	99
24) 1,1-Dichloroethane	3.67	63	905130	42.951	ug/l	98
25) 2-Butanone	4.64	43	2028273	203.277	ug/l	99
26) 2,2-Dichloropropane	4.55	77	674988	39.022	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	607847	48.971	ug/l	95
28) Bromochloromethane	4.98	49	432500	42.985	ug/l	91
29) Tetrahydrofuran	5.09	42	1333442	207.879	ug/l	99
30) Chloroform	5.18	83	901096	44.444	ug/l	99
31) Cyclohexane	5.55	56	795378	43.507	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	805018	43.873	ug/l	99
36) 1,1-Dichloropropene	5.78	75	660829	47.411	ug/l	99
37) Ethyl Acetate	4.80	43	807579	44.498	ug/l	100
38) Carbon Tetrachloride	5.76	117	726057	48.094	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	781460	48.625	ug/l	96
40) Benzene	6.12	78	1991291	48.771	ug/l	99
41) Methacrylonitrile	5.01	41	473766	47.025	ug/l	98
42) 1,2-Dichloroethane	6.17	62	756964	46.155	ug/l	98
43) Isopropyl Acetate	6.42	43	1346070	43.936	ug/l	98
44) Trichloroethene	7.19	130	599693	53.856	ug/l	94
45) 1,2-Dichloropropane	7.50	63	538001	48.168	ug/l	100
46) Dibromomethane	7.64	93	347887	47.481	ug/l	90
47) Bromodichloromethane	7.88	83	733995	47.015	ug/l	98
48) Methyl methacrylate	7.75	41	685352	44.786	ug/l	96
49) 1,4-Dioxane	7.72	88	250390	877.102	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4094875	235.844	ug/l	99
52) Toluene	8.77	92	1282522	50.950	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	802231	43.814	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	851689	45.663	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	530456	51.435	ug/l	95
56) Ethyl methacrylate	9.16	69	854177	46.995	ug/l	95
57) 1,3-Dichloropropane	9.36	76	894448	48.137	ug/l	99
59) 2-Hexanone	9.48	43	3068308	234.072	ug/l	98
60) Dibromochloromethane	9.56	129	610042	49.226	ug/l	98
61) 1,2-Dibromoethane	9.65	107	551046	49.139	ug/l	99
64) Tetrachloroethene	9.32	164	546535	51.253	ug/l	95
65) Chlorobenzene	10.12	112	1406142	49.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	546493	48.543	ug/l	97
67) Ethyl Benzene	10.24	91	2488396	49.789	ug/l	98
68) m/p-Xylenes	10.34	106	1863360	100.124	ug/l	98
69) o-Xylene	10.68	106	907201	49.331	ug/l	99
70) Styrene	10.70	104	1599246	49.419	ug/l	98
71) Bromoform	10.84	173	482784	47.108	ug/l	# 98
73) Isopropylbenzene	11.00	105	2465075	47.966	ug/l	98
74) N-amyl acetate	10.88	43	1133700	39.663	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	800024	45.367	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	725491m	44.979	ug/l	
77) Bromobenzene	11.24	156	683397	49.853	ug/l	91
78) n-propylbenzene	11.34	91	2723803	46.350	ug/l	98
79) 2-Chlorotoluene	11.40	91	1661896	46.140	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	2063934	47.025	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	256398	38.142	ug/l	98
82) 4-Chlorotoluene	11.50	91	1955244	46.305	ug/l	98
83) tert-Butylbenzene	11.76	119	2112781	49.281	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2112939	47.241	ug/l	99
85) sec-Butylbenzene	11.93	105	2381856	48.038	ug/l	99
86) p-Isopropyltoluene	12.05	119	2268624	49.286	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	1215356	49.525	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1229221	49.175	ug/l	98
89) n-Butylbenzene	12.37	91	1978271	47.559	ug/l	99
90) Hexachloroethane	12.58	117	389470	43.472	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	1212350	50.481	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	189928	38.159	ug/l	88
93) 1,2,4-Trichlorobenzene	13.63	180	965020	50.799	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	449116	49.656	ug/l	95
95) Naphthalene	13.82	128	2771282	47.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	949820	51.932	ug/l	97

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

