

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061120\
 Data File : VX016710.D
 Acq On : 11 Jun 2020 17:28
 Operator : JC/SP
 Sample : L2963-19MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:32 PM

Quant Time: Jun 12 07:41:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	211562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	319236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	304263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	126778	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.46	113	104779	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
50) Toluene-d8	8.70	98	386850	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.12	95	149876	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	86034	41.323	ug/l	97
3) Chloromethane	1.31	50	96052	38.176	ug/l	100
4) Vinyl Chloride	1.39	62	139336	52.367	ug/l	100
5) Bromomethane	1.62	94	63941	49.424	ug/l	100
6) Chloroethane	1.70	64	73012	47.041	ug/l	99
7) Trichlorofluoromethane	1.91	101	181222	51.862	ug/l	97
8) Diethyl Ether	2.17	74	68611	47.088	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	96211	50.027	ug/l	96
10) Methyl Iodide	2.49	142	113738	49.532	ug/l	99
11) Tert butyl alcohol	3.02	59	150997	224.122	ug/l	100
12) 1,1-Dichloroethene	2.35	96	98691	48.481	ug/l	99
13) Acrolein	2.27	56	68447	238.828	ug/l	97
14) Allyl chloride	2.70	41	158616	42.368	ug/l	97
15) Acrylonitrile	3.12	53	320482	232.218	ug/l	100
16) Acetone	2.42	43	268842	233.554	ug/l	99
17) Carbon Disulfide	2.55	76	250036	41.361	ug/l	100
18) Methyl Acetate	2.75	43	142091	48.128	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	364663	49.886	ug/l	98
20) Methylene Chloride	2.83	84	113342	47.592	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	108193	48.050	ug/l	92
22) Diisopropyl ether	3.82	45	315521	43.872	ug/l	98
23) Vinyl Acetate	3.78	43	1374878	218.406	ug/l	96
24) 1,1-Dichloroethane	3.67	63	190537	46.940	ug/l	100
25) 2-Butanone	4.64	43	430990	220.966	ug/l	95
26) 2,2-Dichloropropane	4.56	77	163154	49.120	ug/l	89
27) cis-1,2-Dichloroethene	4.56	96	336935	129.346	ug/l	91
28) Bromochloromethane	4.98	49	79239	42.007	ug/l	85
29) Tetrahydrofuran	5.09	42	274360	217.728	ug/l	92
30) Chloroform	5.18	83	206309	50.442	ug/l	100
31) Cyclohexane	5.54	56	146528	40.125	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	190838	51.538	ug/l	98
36) 1,1-Dichloropropene	5.77	75	142482	47.139	ug/l	98
37) Ethyl Acetate	4.79	43	159368	43.917	ug/l	97
38) Carbon Tetrachloride	5.75	117	169994	53.518	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	148918	45.360	ug/l	98
40) Benzene	6.12	78	439230	48.798	ug/l	100
41) Methacrylonitrile	5.00	41	88878	44.589	ug/l	95
42) 1,2-Dichloroethane	6.16	62	161464	50.442	ug/l	99
43) Isopropyl Acetate	6.42	43	253063	44.708	ug/l	97
44) Trichloroethene	7.19	130	141558	49.568	ug/l	97
45) 1,2-Dichloropropane	7.49	63	111574	48.691	ug/l	99
46) Dibromomethane	7.64	93	77984	50.668	ug/l	93
47) Bromodichloromethane	7.88	83	169229	53.102	ug/l	100
48) Methyl methacrylate	7.75	41	124098	45.790	ug/l	95
49) 1,4-Dioxane	7.71	88	57722	910.085	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	828462	235.060	ug/l	97
52) Toluene	8.77	92	287173	50.594	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	187558	51.758	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	189316	49.357	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	121117	53.668	ug/l	97
56) Ethyl methacrylate	9.16	69	186399	50.715	ug/l	96
57) 1,3-Dichloropropane	9.35	76	199461	51.492	ug/l	99
59) 2-Hexanone	9.48	43	648013	236.429	ug/l	97
60) Dibromochloromethane	9.57	129	143897	56.659	ug/l	100
61) 1,2-Dibromoethane	9.65	107	129607	53.630	ug/l	99
64) Tetrachloroethene	9.32	164	156591	46.001	ug/l	98
65) Chlorobenzene	10.12	112	390201	62.904	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	130167	54.972	ug/l	98
67) Ethyl Benzene	10.24	91	549297	49.737	ug/l	99
68) m/p-Xylenes	10.34	106	417131	101.867	ug/l	100
69) o-Xylene	10.68	106	199773	50.376	ug/l	99
70) Styrene	10.69	104	360407	52.873	ug/l	99
71) Bromoform	10.84	173	113555	56.744	ug/l #	98
73) Isopropylbenzene	11.01	105	541331	48.769	ug/l	99
74) N-amyl acetate	10.88	43	212873	41.694	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	152934	54.976	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	167560m	47.585	ug/l	
77) Bromobenzene	11.24	156	145872	50.106	ug/l	95
78) n-propylbenzene	11.34	91	593458	47.856	ug/l	98
79) 2-Chlorotoluene	11.41	91	369395	48.800	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	463597	50.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	65395	45.683	ug/l	99
82) 4-Chlorotoluene	11.49	91	438312	49.035	ug/l	99
83) tert-Butylbenzene	11.76	119	415990	52.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	473918	50.561	ug/l	99
85) sec-Butylbenzene	11.93	105	491629	49.487	ug/l	100
86) p-Isopropyltoluene	12.05	119	467150	50.199	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	255827	50.721	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	259777	50.359	ug/l	99
89) n-Butylbenzene	12.37	91	379130	48.912	ug/l	99
90) Hexachloroethane	12.58	117	83646	52.038	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	249258	51.008	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44045	48.881	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	173408	53.432	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	70455	55.293	ug/l	99
95) Naphthalene	13.82	128	575686	51.744	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	171097	53.813	ug/l	98

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

