

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018555.D
 Acq On : 23 Sep 2020 23:14
 Operator : JC/SP
 Sample : L4083-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:37 PM

Quant Time: Sep 24 01:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	402829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	624943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	294109	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	5.47	113	226034	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	8.70	98	806558	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.12	95	313531	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	183751	48.113	ug/l	96
3) Chloromethane	1.31	50	195212	43.660	ug/l	99
4) Vinyl Chloride	1.39	62	214088	45.228	ug/l	99
5) Bromomethane	1.64	94	144713	49.811	ug/l	99
6) Chloroethane	1.71	64	125728	46.410	ug/l	98
7) Trichlorofluoromethane	1.92	101	371760	51.698	ug/l	97
8) Diethyl Ether	2.17	74	120401	47.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	192592	49.758	ug/l	99
10) Methyl Iodide	2.50	142	217232	45.816	ug/l	95
11) Tert butyl alcohol	3.05	59	195224	196.890	ug/l	99
12) 1,1-Dichloroethene	2.36	96	187763	48.130	ug/l	96
13) Acrolein	2.28	56	202265	322.165	ug/l	99
14) Allyl chloride	2.71	41	329431	43.577	ug/l	95
15) Acrylonitrile	3.12	53	528230	223.273	ug/l	98
16) Acetone	2.43	43	457729	210.027	ug/l	100
17) Carbon Disulfide	2.55	76	519918	44.625	ug/l	100
18) Methyl Acetate	2.75	43	237062	43.902	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	685214	50.036	ug/l	96
20) Methylene Chloride	2.84	84	214542	44.617	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	212351	46.837	ug/l	98
22) Diisopropyl ether	3.82	45	678533	47.750	ug/l	99
23) Vinyl Acetate	3.79	43	2851581	226.464	ug/l	100
24) 1,1-Dichloroethane	3.67	63	387990	47.344	ug/l	99
25) 2-Butanone	4.64	43	727375	214.320	ug/l	100
26) 2,2-Dichloropropane	4.56	77	317562	41.940	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	236498	46.539	ug/l	99
28) Bromochloromethane	4.98	49	177525	46.293	ug/l	96
29) Tetrahydrofuran	5.10	42	475243	222.169	ug/l	99
30) Chloroform	5.18	83	415979	50.028	ug/l	95
31) Cyclohexane	5.55	56	305627	44.318	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	386425	49.538	ug/l	99
36) 1,1-Dichloropropene	5.77	75	289470	47.722	ug/l	98
37) Ethyl Acetate	4.80	43	288081	44.475	ug/l	100
38) Carbon Tetrachloride	5.76	117	357376	53.198	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	307470	45.119	ug/l	99
40) Benzene	6.12	78	833825	47.967	ug/l	98
41) Methacrylonitrile	5.01	41	166398	46.232	ug/l	98
42) 1,2-Dichloroethane	6.17	62	352110	52.066	ug/l	99
43) Isopropyl Acetate	6.42	43	487670	45.371	ug/l	99
44) Trichloroethene	7.19	130	559104	111.103	ug/l	96
45) 1,2-Dichloropropane	7.49	63	225323	47.225	ug/l	100
46) Dibromomethane	7.64	93	157792	48.136	ug/l	97
47) Bromodichloromethane	7.88	83	335874	50.841	ug/l	98
48) Methyl methacrylate	7.74	41	243622	46.566	ug/l	96
49) 1,4-Dioxane	7.75	88	66179	765.547	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1508470	235.701	ug/l	100
52) Toluene	8.77	92	543887	49.720	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	361358	48.138	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	368530	47.654	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	226036	49.797	ug/l	98
56) Ethyl methacrylate	9.16	69	326681	48.538	ug/l	98
57) 1,3-Dichloropropane	9.35	76	370577	48.592	ug/l	99
59) 2-Hexanone	9.48	43	1133577	232.870	ug/l	100
60) Dibromochloromethane	9.57	129	275730	50.944	ug/l	100
61) 1,2-Dibromoethane	9.66	107	246706	51.083	ug/l	98
64) Tetrachloroethene	9.32	164	235347	49.092	ug/l	94
65) Chlorobenzene	10.12	112	585594	46.703	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	242028	48.117	ug/l	99
67) Ethyl Benzene	10.24	91	1035591	47.716	ug/l	98
68) m/p-Xylenes	10.34	106	783872	95.479	ug/l	98
69) o-Xylene	10.68	106	368011	47.337	ug/l	99
70) Stvrene	10.70	104	648313	48.297	ug/l	98
71) Bromoform	10.84	173	201474	47.706	ug/l #	98
73) Isopropylbenzene	11.01	105	1017691	45.870	ug/l	99
74) N-amyl acetate	10.88	43	401664	40.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	330201	44.964	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	298470m	42.766	ug/l	
77) Bromobenzene	11.24	156	264104	43.143	ug/l	98
78) n-propylbenzene	11.34	91	1176491	45.303	ug/l	98
79) 2-Chlorotoluene	11.41	91	691780	44.007	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	882395	46.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	110832	40.694	ug/l	96
82) 4-Chlorotoluene	11.49	91	839080	44.904	ug/l	99
83) tert-Butylbenzene	11.76	119	837091	45.439	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	886245	46.380	ug/l	98
85) sec-Butylbenzene	11.93	105	972524	44.741	ug/l	100
86) p-Isopropyltoluene	12.05	119	902052	45.155	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	486057	44.161	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	479302	42.948	ug/l	98
89) n-Butylbenzene	12.37	91	788652	42.644	ug/l	99
90) Hexachloroethane	12.58	117	178358	44.721	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	472312	45.847	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	77713	43.592	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	304218	42.430	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	124876	41.505	ug/l	97
95) Naphthalene	13.82	128	963128	44.480	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	297296	43.387	ug/l	98

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

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