

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018465.D
 Acq On : 17 Sep 2020 14:53
 Operator : JC/SP
 Sample : VX0917WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:47 PM

Quant Time: Sep 18 06:41:35 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	586987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	949518	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	876682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	461547	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	393557	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	5.47	113	308252	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
50) Toluene-d8	8.70	98	1135755	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	11.12	95	439013	46.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107215	19.265	ug/l	94
3) Chloromethane	1.31	50	127647	19.592	ug/l	99
4) Vinyl Chloride	1.39	62	125327	18.170	ug/l	99
5) Bromomethane	1.64	94	85706	20.245	ug/l	100
6) Chloroethane	1.72	64	73975	18.739	ug/l	96
7) Trichlorofluoromethane	1.92	101	191120	18.239	ug/l	100
8) Diethyl Ether	2.17	74	64160	17.452	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105413	18.690	ug/l	97
10) Methyl Iodide	2.49	142	95288	17.227	ug/l	98
11) Tert butyl alcohol	3.01	59	135808	93.996	ug/l	99
12) 1,1-Dichloroethene	2.36	96	106336	18.706	ug/l	91
13) Acrolein	2.28	56	84116	91.945	ug/l	97
14) Allyl chloride	2.71	41	200090	18.164	ug/l	99
15) Acrylonitrile	3.12	53	324771	94.207	ug/l	99
16) Acetone	2.42	43	290677	91.531	ug/l	99
17) Carbon Disulfide	2.55	76	306170	18.034	ug/l	99
18) Methyl Acetate	2.75	43	150156	19.084	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	381215	19.104	ug/l	99
20) Methylene Chloride	2.84	84	123947	17.689	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	119199	18.042	ug/l	97
22) Diisopropyl ether	3.82	45	392928	18.976	ug/l	98
23) Vinyl Acetate	3.79	43	1754858	95.642	ug/l	99
24) 1,1-Dichloroethane	3.67	63	217337	18.200	ug/l	97
25) 2-Butanone	4.64	43	470036	95.045	ug/l	97
26) 2,2-Dichloropropane	4.55	77	198182	17.962	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	132796	17.933	ug/l	99
28) Bromochloromethane	4.98	49	118714	21.245	ug/l	99
29) Tetrahydrofuran	5.09	42	295681	94.860	ug/l	99
30) Chloroform	5.18	83	225778	18.634	ug/l	99
31) Cyclohexane	5.55	56	189790	18.886	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	209962	18.472	ug/l	99
36) 1,1-Dichloropropene	5.78	75	165678	17.977	ug/l	97
37) Ethyl Acetate	4.79	43	187388	19.041	ug/l	99
38) Carbon Tetrachloride	5.76	117	188660	18.484	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	183528	17.725	ug/l	98
40) Benzene	6.12	78	481397	18.227	ug/l	99
41) Methacrylonitrile	5.01	41	98022	17.925	ug/l	98
42) 1,2-Dichloroethane	6.17	62	185396	18.043	ug/l	99
43) Isopropyl Acetate	6.42	43	304751	18.661	ug/l	100
44) Trichloroethene	7.19	130	137313	17.959	ug/l	99
45) 1,2-Dichloropropane	7.49	63	130286	17.972	ug/l	97
46) Dibromomethane	7.64	93	89295	17.929	ug/l	99
47) Bromodichloromethane	7.88	83	181580	18.090	ug/l	93
48) Methyl methacrylate	7.74	41	146031	18.371	ug/l	100
49) 1,4-Dioxane	7.71	88	43080	327.993	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	934466	96.100	ug/l	99
52) Toluene	8.77	92	307369	18.493	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	206680	18.121	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	218889	18.629	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	127649	18.509	ug/l	97
56) Ethyl methacrylate	9.16	69	183079	17.903	ug/l	98
57) 1,3-Dichloropropane	9.35	76	210929	18.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	552157	101.559	ug/l	100
59) 2-Hexanone	9.47	43	716977	96.941	ug/l	98
60) Dibromochloromethane	9.57	129	143740	17.479	ug/l	100
61) 1,2-Dibromoethane	9.65	107	134524	18.333	ug/l	99
64) Tetrachloroethene	9.32	164	128626	18.636	ug/l	97
65) Chlorobenzene	10.12	112	331602	18.369	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	129646	17.903	ug/l	99
67) Ethyl Benzene	10.24	91	580472	18.577	ug/l	96
68) m/p-Xylenes	10.34	106	433368	36.664	ug/l	97
69) o-Xylene	10.68	106	206494	18.449	ug/l	99
70) Styrene	10.70	104	356434	18.443	ug/l	97
71) Bromoform	10.84	173	105736	17.390	ug/l #	90
73) Isopropylbenzene	11.00	105	571327	18.530	ug/l	100
74) N-amyl acetate	10.88	43	258726	18.639	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	187133	18.336	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	184647m	19.038	ug/l	
77) Bromobenzene	11.24	156	145064	17.052	ug/l	94
78) n-propylbenzene	11.34	91	656655	18.195	ug/l	100
79) 2-Chlorotoluene	11.40	91	405181	18.547	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	487799	18.499	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	67309	17.783	ug/l	95
82) 4-Chlorotoluene	11.49	91	469804	18.091	ug/l	100
83) tert-Butylbenzene	11.76	119	460428	17.984	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	487481	18.357	ug/l	97
85) sec-Butylbenzene	11.93	105	549777	18.200	ug/l	99
86) p-Isopropyltoluene	12.05	119	503541	18.137	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	275032	17.980	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	278514	17.957	ug/l	98
89) n-Butylbenzene	12.37	91	454207	17.672	ug/l	99
90) Hexachloroethane	12.58	117	100619	18.154	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	259762	18.144	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44357	17.904	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	171617	17.223	ug/l	95
94) Hexachlorobutadiene	13.77	225	74858	17.903	ug/l	98
95) Naphthalene	13.82	128	574590	19.094	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	167387	17.578	ug/l	97

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

