

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018597.D
 Acq On : 25 Sep 2020 15:57
 Operator : JC/SP
 Sample : VX0925WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:50:12 PM

Quant Time: Sep 28 02:37:33 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	5.64	168	516934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	799325	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	750188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	397782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	378821	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
35) Dibromofluoromethane	5.47	113	290934	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	8.70	98	1013689	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.12	95	388081	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	105869	21.602	ug/l	97
3) Chloromethane	1.31	50	104264	18.172	ug/l	97
4) Vinyl Chloride	1.39	62	117807	19.394	ug/l	97
5) Bromomethane	1.64	94	65382	17.537	ug/l	90
6) Chloroethane	1.72	64	79409	22.842	ug/l	95
7) Trichlorofluoromethane	1.92	101	207192	22.453	ug/l	97
8) Diethyl Ether	2.17	74	68387	21.122	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105519	21.244	ug/l	98
10) Methyl Iodide	2.50	142	106751	20.577	ug/l	94
11) Tert butyl alcohol	3.04	59	126132	99.129	ug/l	99
12) 1,1-Dichloroethene	2.36	96	103364	20.647	ug/l	93
13) Acrolein	2.28	56	51980	64.518	ug/l	98
14) Allyl chloride	2.71	41	186821	19.258	ug/l	94
15) Acrylonitrile	3.12	53	305115	100.499	ug/l	99
16) Acetone	2.43	43	288513	103.162	ug/l	96
17) Carbon Disulfide	2.56	76	293767	19.649	ug/l	100
18) Methyl Acetate	2.75	43	149911	21.634	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	391569	22.282	ug/l	97
20) Methylene Chloride	2.84	84	121951	19.763	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	116745	20.066	ug/l	98
22) Diisopropyl ether	3.82	45	381129	20.901	ug/l	98
23) Vinyl Acetate	3.79	43	1698394	105.109	ug/l	100
24) 1,1-Dichloroethane	3.67	63	220577	20.975	ug/l	96
25) 2-Butanone	4.64	43	430396	98.823	ug/l	98
26) 2,2-Dichloropropane	4.56	77	203306	20.923	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	131230	20.124	ug/l	99
28) Bromochloromethane	4.98	49	110908	22.537	ug/l	96
29) Tetrahydrofuran	5.10	42	269987	98.355	ug/l	98
30) Chloroform	5.18	83	232203	21.762	ug/l	96
31) Cyclohexane	5.55	56	168257	19.013	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	214600	21.438	ug/l	99
36) 1,1-Dichloropropene	5.77	75	160228	20.652	ug/l	98
37) Ethyl Acetate	4.80	43	172032	20.765	ug/l	99
38) Carbon Tetrachloride	5.76	117	193344	22.502	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	174930	20.069	ug/l	97
40) Benzene	6.12	78	460955	20.732	ug/l	97
41) Methacrylonitrile	5.01	41	95533	20.752	ug/l	97
42) 1,2-Dichloroethane	6.17	62	198968	23.002	ug/l	100
43) Isopropyl Acetate	6.42	43	287370	20.903	ug/l	99
44) Trichloroethene	7.19	130	135086	20.988	ug/l	99
45) 1,2-Dichloropropane	7.49	63	126880	20.791	ug/l	99
46) Dibromomethane	7.64	93	91363	21.791	ug/l	98
47) Bromodichloromethane	7.88	83	191876	22.708	ug/l	95
48) Methyl methacrylate	7.75	41	141276	21.112	ug/l	96
49) 1,4-Dioxane	7.76	88	34491	311.942	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	895455	109.392	ug/l	98
52) Toluene	8.77	92	303730	21.708	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	210331	21.906	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	218541	22.094	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	126962	21.869	ug/l	99
56) Ethyl methacrylate	9.16	69	186720	21.690	ug/l	98
57) 1,3-Dichloropropane	9.35	76	207451	21.268	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	486653	106.330	ug/l	99
59) 2-Hexanone	9.48	43	662691	106.437	ug/l	99
60) Dibromochloromethane	9.57	129	155563	22.471	ug/l	99
61) 1,2-Dibromoethane	9.65	107	133914	21.679	ug/l	97
64) Tetrachloroethene	9.32	164	121161	20.514	ug/l	97
65) Chlorobenzene	10.12	112	328526	21.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	136024	21.951	ug/l	98
67) Ethyl Benzene	10.24	91	570378	21.332	ug/l	96
68) m/p-Xylenes	10.34	106	435989	43.106	ug/l	100
69) o-Xylene	10.68	106	205608	21.467	ug/l	100
70) Styrene	10.70	104	356357	21.548	ug/l	98
71) Bromoform	10.84	173	112352	21.594	ug/l #	93
73) Isopropylbenzene	11.00	105	564055	21.226	ug/l	99
74) N-amyl acetate	10.88	43	244479	20.436	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	189164	21.506	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	170189m	20.360	ug/l	
77) Bromobenzene	11.24	156	153263	20.903	ug/l	98
78) n-propylbenzene	11.34	91	645756	20.761	ug/l	100
79) 2-Chlorotoluene	11.40	91	384886	20.442	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	491566	21.630	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	57892	17.747	ug/l	89
82) 4-Chlorotoluene	11.49	91	475345	21.239	ug/l	100
83) tert-Butylbenzene	11.76	119	477252	21.629	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	495195	21.637	ug/l	98
85) sec-Butylbenzene	11.93	105	536286	20.599	ug/l	98
86) p-Isopropyltoluene	12.05	119	510767	21.347	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	278733	21.143	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	270107	20.207	ug/l	97
89) n-Butylbenzene	12.37	91	451183	20.369	ug/l	99
90) Hexachloroethane	12.58	117	93319	19.536	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	270982	21.962	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47217	22.113	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	181476	21.132	ug/l	97
94) Hexachlorobutadiene	13.77	225	80948	22.463	ug/l	96
95) Naphthalene	13.82	128	554300	21.373	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	172756	21.050	ug/l	94

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

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