

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018543.D
 Acq On : 23 Sep 2020 18:45
 Operator : JC/SP
 Sample : VX0923WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:31 PM

Quant Time: Sep 24 01:01:22 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	425105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	654720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	606430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	318473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	292882	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.47	113	226936	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.70	98	795880	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.12	95	298193	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	77670	19.271	ug/l	98
3) Chloromethane	1.31	50	83286	17.651	ug/l	97
4) Vinyl Chloride	1.39	62	87658	17.548	ug/l	99
5) Bromomethane	1.64	94	64410	21.009	ug/l	99
6) Chloroethane	1.72	64	54716	19.139	ug/l	97
7) Trichlorofluoromethane	1.92	101	150059	19.774	ug/l	93
8) Diethyl Ether	2.17	74	49665	18.653	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77866	19.063	ug/l	99
10) Methyl Iodide	2.50	142	87156	20.465	ug/l	95
11) Tert butyl alcohol	3.05	59	86521	82.687	ug/l	100
12) 1,1-Dichloroethene	2.36	96	76744	18.641	ug/l	87
13) Acrolein	2.28	56	57734	87.139	ug/l	93
14) Allyl chloride	2.71	41	131387	16.469	ug/l	93
15) Acrylonitrile	3.12	53	210374	84.262	ug/l	99
16) Acetone	2.43	43	198726	86.407	ug/l	98
17) Carbon Disulfide	2.56	76	216606	17.617	ug/l	99
18) Methyl Acetate	2.75	43	101126	17.747	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	273727	18.941	ug/l	94
20) Methylene Chloride	2.84	84	87715	17.286	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	84402	17.640	ug/l	100
22) Diisopropyl ether	3.82	45	271583	18.111	ug/l	94
23) Vinyl Acetate	3.79	43	1183080	89.033	ug/l	99
24) 1,1-Dichloroethane	3.67	63	155950	18.033	ug/l	98
25) 2-Butanone	4.65	43	295777	82.584	ug/l	99
26) 2,2-Dichloropropane	4.56	77	146760	18.367	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	96175	17.934	ug/l	99
28) Bromochloromethane	4.98	49	77205	19.078	ug/l	93
29) Tetrahydrofuran	5.10	42	183392	81.241	ug/l	96
30) Chloroform	5.18	83	170262	19.404	ug/l	98
31) Cyclohexane	5.55	56	123235	16.933	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	159799	19.412	ug/l	100
36) 1,1-Dichloropropene	5.77	75	116448	18.325	ug/l	98
37) Ethyl Acetate	4.80	43	121074	17.842	ug/l	99
38) Carbon Tetrachloride	5.76	117	145865	20.726	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	126624	17.736	ug/l	99
40) Benzene	6.12	78	338171	18.569	ug/l	100
41) Methacrylonitrile	5.01	41	67486	17.898	ug/l	97
42) 1,2-Dichloroethane	6.16	62	144355	20.375	ug/l	100
43) Isopropyl Acetate	6.42	43	195120	17.327	ug/l	100
44) Trichloroethene	7.19	130	97360	18.467	ug/l	96
45) 1,2-Dichloropropane	7.49	63	91775	18.360	ug/l	99
46) Dibromomethane	7.64	93	66168	19.267	ug/l	99
47) Bromodichloromethane	7.88	83	136786	19.763	ug/l	94
48) Methyl methacrylate	7.74	41	92239	16.829	ug/l	96
49) 1,4-Dioxane	7.76	88	28521	314.921	ug/l #	77
51) 4-Methyl-2-Pentanone	8.62	43	609715	90.936	ug/l	99
52) Toluene	8.77	92	219093	19.118	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	143715	18.274	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	153963	19.003	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	90791	19.092	ug/l	98
56) Ethyl methacrylate	9.16	69	125175	17.752	ug/l	96
57) 1,3-Dichloropropane	9.35	76	150567	18.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	355578	94.850	ug/l	99
59) 2-Hexanone	9.48	43	451950	88.621	ug/l	99
60) Dibromochloromethane	9.57	129	110709	19.524	ug/l	99
61) 1,2-Dibromoethane	9.66	107	98552	19.478	ug/l	100
64) Tetrachloroethene	9.32	164	96358	20.182	ug/l	97
65) Chlorobenzene	10.12	112	240593	19.267	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	98274	19.618	ug/l	98
67) Ethyl Benzene	10.24	91	408232	18.887	ug/l	96
68) m/p-Xylenes	10.34	106	307767	37.642	ug/l	97
69) o-Xylene	10.68	106	147961	19.110	ug/l	96
70) Styrene	10.70	104	249944	18.697	ug/l	98
71) Bromoform	10.84	173	79941	19.007	ug/l #	100
73) Isopropylbenzene	11.00	105	402606	18.924	ug/l	99
74) N-amyl acetate	10.88	43	162968	17.015	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	130784	18.572	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	120931m	18.070	ug/l	
77) Bromobenzene	11.24	156	107110	18.246	ug/l	98
78) n-propylbenzene	11.34	91	462488	18.571	ug/l	99
79) 2-Chlorotoluene	11.40	91	282519	18.742	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	353135	19.408	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	44825	17.163	ug/l	94
82) 4-Chlorotoluene	11.49	91	333590	18.617	ug/l	99
83) tert-Butylbenzene	11.76	119	327099	18.516	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	349918	19.096	ug/l	98
85) sec-Butylbenzene	11.93	105	389635	18.693	ug/l	99
86) p-Isopropyltoluene	12.05	119	365454	19.077	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	189115	17.918	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	198245	18.524	ug/l	99
89) n-Butylbenzene	12.37	91	308140	17.375	ug/l	99
90) Hexachloroethane	12.58	117	68217	17.837	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	184588	18.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31201	18.251	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	119672	17.406	ug/l	98
94) Hexachlorobutadiene	13.77	225	58563	20.298	ug/l	97
95) Naphthalene	13.82	128	366882	17.669	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	115699	17.608	ug/l	93

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

