

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018181.D
 Acq On : 01 Sep 2020 11:05
 Operator : JC/SP
 Sample : VX0901WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:23:05 PM

Quant Time: Sep 02 03:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	453242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	699639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	651548	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	349531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	310555	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	5.46	113	242093	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	8.70	98	853733	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.12	95	334119	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107609	19.500	ug/l	99
3) Chloromethane	1.31	50	100230	17.228	ug/l	99
4) Vinyl Chloride	1.39	62	102597	17.715	ug/l	97
5) Bromomethane	1.63	94	74955	26.833	ug/l	98
6) Chloroethane	1.71	64	59871	19.248	ug/l #	87
7) Trichlorofluoromethane	1.92	101	168822	21.378	ug/l	99
8) Diethyl Ether	2.17	74	55972	20.900	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81976	19.201	ug/l	94
10) Methyl Iodide	2.49	142	95094	23.904	ug/l	98
11) Tert butyl alcohol	3.01	59	106897	87.375	ug/l	99
12) 1,1-Dichloroethene	2.36	96	77925	17.593	ug/l	99
13) Acrolein	2.28	56	40266	79.376	ug/l	99
14) Allyl chloride	2.70	41	148697	18.686	ug/l	95
15) Acrylonitrile	3.11	53	250102	90.121	ug/l	98
16) Acetone	2.42	43	217302	88.629	ug/l	96
17) Carbon Disulfide	2.55	76	228407	17.058	ug/l	99
18) Methyl Acetate	2.75	43	117126	19.796	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	295393	19.446	ug/l	97
20) Methylene Chloride	2.83	84	98238	18.869	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	90457	18.433	ug/l	97
22) Diisopropyl ether	3.82	45	300430	19.128	ug/l	94
23) Vinyl Acetate	3.78	43	1335287	95.544	ug/l	98
24) 1,1-Dichloroethane	3.67	63	165397	18.499	ug/l	99
25) 2-Butanone	4.64	43	347719	86.294	ug/l	100
26) 2,2-Dichloropropane	4.55	77	152467	20.959	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	100696	17.809	ug/l	97
28) Bromochloromethane	4.98	49	75620	17.522	ug/l	95
29) Tetrahydrofuran	5.09	42	220399	85.923	ug/l	98
30) Chloroform	5.17	83	175697	18.978	ug/l	100
31) Cyclohexane	5.54	56	136549	18.131	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	166596	19.609	ug/l	99
36) 1,1-Dichloropropene	5.77	75	125489	19.446	ug/l	99
37) Ethyl Acetate	4.79	43	138137	18.431	ug/l	99
38) Carbon Tetrachloride	5.76	117	149543	20.563	ug/l	95

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Quant Time: Sep 02 03:03:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	139283	19.739	ug/l	98
40) Benzene	6.11	78	364585	19.227	ug/l	97
41) Methacrylonitrile	5.00	41	76012	18.471	ug/l	97
42) 1,2-Dichloroethane	6.16	62	150061	20.656	ug/l	99
43) Isopropyl Acetate	6.41	43	227961	18.831	ug/l	100
44) Trichloroethene	7.18	130	106043	19.792	ug/l	96
45) 1,2-Dichloropropane	7.49	63	100251	19.617	ug/l	96
46) Dibromomethane	7.63	93	70898	19.728	ug/l	98
47) Bromodichloromethane	7.88	83	144358	20.118	ug/l	100
48) Methyl methacrylate	7.74	41	110634	18.359	ug/l	99
49) 1,4-Dioxane	7.71	88	38102	349.045	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	693626	92.759	ug/l	100
52) Toluene	8.76	92	233406	19.412	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	158350	19.911	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	167784	19.916	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	98652	19.238	ug/l	99
56) Ethyl methacrylate	9.16	69	141123	18.512	ug/l	97
57) 1,3-Dichloropropane	9.35	76	161155	19.054	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	287500	83.836	ug/l	99
59) 2-Hexanone	9.47	43	522446	91.883	ug/l	100
60) Dibromochloromethane	9.56	129	118913	19.768	ug/l	97
61) 1,2-Dibromoethane	9.65	107	106548	19.138	ug/l	98
64) Tetrachloroethene	9.32	164	102326	21.372	ug/l	95
65) Chlorobenzene	10.12	112	258901	19.896	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	107345	20.930	ug/l	97
67) Ethyl Benzene	10.24	91	438421	19.812	ug/l	98
68) m/p-Xylenes	10.34	106	336121	40.694	ug/l	97
69) o-Xylene	10.68	106	160503	20.045	ug/l	99
70) Styrene	10.70	104	272462	19.981	ug/l	97
71) Bromoform	10.84	173	90481	20.683	ug/l	98
73) Isopropylbenzene	11.00	105	441542	19.151	ug/l	99
74) N-amyl acetate	10.88	43	192809	17.626	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	147160	18.094	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	143073m	18.401	ug/l	
77) Bromobenzene	11.24	156	119774	18.794	ug/l	97
78) n-propylbenzene	11.34	91	495900	18.943	ug/l	98
79) 2-Chlorotoluene	11.40	91	308663	19.084	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	386892	20.421	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	53531	18.594	ug/l	98
82) 4-Chlorotoluene	11.49	91	372056	19.351	ug/l	100
83) tert-Butylbenzene	11.76	119	370171	19.798	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	387330	19.996	ug/l	100
85) sec-Butylbenzene	11.93	105	424412	19.961	ug/l	99
86) p-Isopropyltoluene	12.05	119	397882	20.372	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	214646	19.183	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	213514	19.058	ug/l	97
89) n-Butylbenzene	12.37	91	339448	19.042	ug/l	99
90) Hexachloroethane	12.58	117	77317	20.121	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	203982	19.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36286	17.843	ug/l	94

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	132766	18.903	ug/l	97
94) Hexachlorobutadiene	13.77	225	56123	20.259	ug/l	97
95) Naphthalene	13.82	128	421544	18.237	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	134121	19.326	ug/l	99

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

