

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090920\
 Data File : VX018314.D
 Acq On : 09 Sep 2020 12:05
 Operator : JC/SP
 Sample : VX0909WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:03:16 PM

Quant Time: Sep 09 15:19:42 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	5.62	168	406598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	620487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	583914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	322766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	282715	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
35) Dibromofluoromethane	5.46	113	212711	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.70	98	751850	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	11.12	95	295757	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	87834	17.743	ug/l	99
3) Chloromethane	1.31	50	83841	16.064	ug/l	100
4) Vinyl Chloride	1.39	62	84288	16.224	ug/l	99
5) Bromomethane	1.63	94	61296	24.460	ug/l	94
6) Chloroethane	1.72	64	48772	17.478	ug/l	100
7) Trichlorofluoromethane	1.92	101	144567	20.407	ug/l	94
8) Diethyl Ether	2.17	74	45454	18.919	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	74977	19.576	ug/l	99
10) Methyl Iodide	2.50	142	73261	21.275	ug/l	96
11) Tert butyl alcohol	3.01	59	95790	87.279	ug/l	100
12) 1,1-Dichloroethene	2.36	96	69810	17.569	ug/l	97
13) Acrolein	2.27	56	62080	136.416	ug/l	100
14) Allyl chloride	2.71	41	124011	17.371	ug/l	94
15) Acrylonitrile	3.11	53	219541	88.183	ug/l	98
16) Acetone	2.42	43	193986	88.196	ug/l	94
17) Carbon Disulfide	2.55	76	195165	16.248	ug/l	100
18) Methyl Acetate	2.75	43	107731	20.297	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	262362	19.253	ug/l	97
20) Methylene Chloride	2.84	84	82985	17.698	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	78819	17.904	ug/l	94
22) Diisopropyl ether	3.82	45	258221	18.327	ug/l	97
23) Vinyl Acetate	3.78	43	1136073	90.615	ug/l	98
24) 1,1-Dichloroethane	3.67	63	149318	18.617	ug/l	95
25) 2-Butanone	4.63	43	297643	82.341	ug/l	97
26) 2,2-Dichloropropane	4.55	77	133169	20.406	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	87008	17.154	ug/l	96
28) Bromochloromethane	4.98	49	74002	19.115	ug/l	98
29) Tetrahydrofuran	5.09	42	192838	83.803	ug/l	98
30) Chloroform	5.17	83	154857	18.646	ug/l	97
31) Cyclohexane	5.54	56	112479	16.648	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	146768	19.257	ug/l	100
36) 1,1-Dichloropropene	5.76	75	109048	19.054	ug/l	99
37) Ethyl Acetate	4.79	43	120467	18.124	ug/l	98
38) Carbon Tetrachloride	5.75	117	133524	20.703	ug/l	95

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Quant Time: Sep 09 15:19:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	114603	18.313	ug/l	94
40) Benzene	6.11	78	310310	18.453	ug/l	99
41) Methacrylonitrile	5.01	41	65238	17.875	ug/l	98
42) 1,2-Dichloroethane	6.16	62	134847	20.929	ug/l	99
43) Isopropyl Acetate	6.41	43	193350	18.009	ug/l	99
44) Trichloroethene	7.19	130	90294	19.003	ug/l	97
45) 1,2-Dichloropropane	7.49	63	86020	18.979	ug/l	98
46) Dibromomethane	7.64	93	63218	19.835	ug/l	97
47) Bromodichloromethane	7.87	83	126679	19.906	ug/l	98
48) Methyl methacrylate	7.74	41	96001	17.962	ug/l	97
49) 1,4-Dioxane	7.71	88	33351	344.495	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	612380	92.340	ug/l	99
52) Toluene	8.76	92	199075	18.669	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	136378	19.336	ug/l	93
54) cis-1,3-Dichloropropene	8.42	75	144113	19.288	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	85568	18.815	ug/l	96
56) Ethyl methacrylate	9.16	69	121941	18.036	ug/l	98
57) 1,3-Dichloropropane	9.35	76	142677	19.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	291624	95.887	ug/l	98
59) 2-Hexanone	9.47	43	452225	89.679	ug/l	99
60) Dibromochloromethane	9.56	129	105882	19.847	ug/l	98
61) 1,2-Dibromoethane	9.65	107	92903	18.816	ug/l	100
64) Tetrachloroethene	9.32	164	86855	20.241	ug/l	94
65) Chlorobenzene	10.12	112	224773	19.274	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	91651	19.940	ug/l	98
67) Ethyl Benzene	10.24	91	376061	18.962	ug/l	99
68) m/p-Xylenes	10.34	106	287240	38.804	ug/l	95
69) o-Xylene	10.68	106	136451	19.015	ug/l	100
70) Styrene	10.70	104	235642	19.283	ug/l	97
71) Bromoform	10.84	173	74591	19.026	ug/l #	95
73) Isopropylbenzene	11.00	105	378836	17.794	ug/l	99
74) N-amyl acetate	10.88	43	165728	16.406	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	129912	17.298	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	124589m	17.352	ug/l	
77) Bromobenzene	11.24	156	102965	17.496	ug/l	95
78) n-propylbenzene	11.34	91	431204	17.838	ug/l	100
79) 2-Chlorotoluene	11.40	91	262010	17.543	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	324306	18.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	43358	16.309	ug/l	93
82) 4-Chlorotoluene	11.49	91	316325	17.816	ug/l	99
83) tert-Butylbenzene	11.76	119	308057	17.842	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	329245	18.407	ug/l	100
85) sec-Butylbenzene	11.93	105	356730	18.169	ug/l	99
86) p-Isopropyltoluene	12.05	119	338868	18.789	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	184418	17.849	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	191649	18.525	ug/l	96
89) n-Butylbenzene	12.37	91	295269	17.937	ug/l	99
90) Hexachloroethane	12.58	117	68188	19.217	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	178171	18.319	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	32262	17.180	ug/l	95

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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	112390	17.329	ug/l	96
94) Hexachlorobutadiene	13.76	225	52561	20.547	ug/l	99
95) Naphthalene	13.82	128	361908	16.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	116016	18.104	ug/l	98

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

