

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090820\
 Data File : VX018294.D
 Acq On : 08 Sep 2020 23:37
 Operator : JC/SP
 Sample : VX0908WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:47:58 PM

Quant Time: Sep 09 02:58:08 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	404979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	649044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	623193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	337225	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	293781	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
35) Dibromofluoromethane	5.47	113	230194	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	8.70	98	781944	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
62) 4-Bromofluorobenzene	11.12	95	314201	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	103474	20.986	ug/l	99
3) Chloromethane	1.31	50	97846	18.823	ug/l	99
4) Vinyl Chloride	1.39	62	102301	19.769	ug/l	97
5) Bromomethane	1.63	94	67756	27.146	ug/l	95
6) Chloroethane	1.72	64	61062	21.970	ug/l	99
7) Trichlorofluoromethane	1.92	101	180439	25.572	ug/l	99
8) Diethyl Ether	2.17	74	52421	21.907	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86146	22.583	ug/l	99
10) Methyl Iodide	2.49	142	83768	23.641	ug/l	95
11) Tert butyl alcohol	3.01	59	111740	102.219	ug/l	100
12) 1,1-Dichloroethene	2.36	96	85710	21.657	ug/l	92
13) Acrolein	2.28	56	23779	52.461	ug/l	99
14) Allyl chloride	2.71	41	148947	20.948	ug/l	96
15) Acrylonitrile	3.12	53	263799	106.384	ug/l	100
16) Acetone	2.42	43	242065	110.495	ug/l	95
17) Carbon Disulfide	2.55	76	234989	19.641	ug/l	100
18) Methyl Acetate	2.75	43	132368	25.039	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	307013	22.620	ug/l	95
20) Methylene Chloride	2.84	84	98858	21.402	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	91528	20.874	ug/l	98
22) Diisopropyl ether	3.82	45	309549	22.057	ug/l #	88
23) Vinyl Acetate	3.79	43	1358701	108.806	ug/l	100
24) 1,1-Dichloroethane	3.67	63	178875	22.391	ug/l	97
25) 2-Butanone	4.64	43	368025	102.218	ug/l	96
26) 2,2-Dichloropropane	4.56	77	127829	19.666	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	105523	20.887	ug/l	98
28) Bromochloromethane	4.98	49	73506	19.062	ug/l #	100
29) Tetrahydrofuran	5.09	42	233639	101.940	ug/l	99
30) Chloroform	5.18	83	188578	22.797	ug/l	98
31) Cyclohexane	5.56	56	134499	19.987	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	177982	23.446	ug/l	98
36) 1,1-Dichloropropene	5.78	75	129904	21.700	ug/l	99
37) Ethyl Acetate	4.80	43	142189	20.450	ug/l	99
38) Carbon Tetrachloride	5.75	117	162661	24.111	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	131200	20.043	ug/l	96
40) Benzene	6.12	78	377847	21.480	ug/l	100
41) Methacrylonitrile	5.01	41	81639	21.385	ug/l	98
42) 1,2-Dichloroethane	6.17	62	159430	23.656	ug/l	98
43) Isopropyl Acetate	6.41	43	232561	20.709	ug/l	98
44) Trichloroethene	7.19	130	107083	21.544	ug/l	100
45) 1,2-Dichloropropane	7.49	63	102789	21.681	ug/l	100
46) Dibromomethane	7.64	93	73849	22.151	ug/l	99
47) Bromodichloromethane	7.88	83	154311	23.181	ug/l	98
48) Methyl methacrylate	7.75	41	113481	20.299	ug/l	97
49) 1,4-Dioxane	7.71	88	34049	336.231	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	744891	107.379	ug/l	99
52) Toluene	8.77	92	241768	21.675	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	156522	21.215	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	161515	20.666	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	100794	21.188	ug/l	97
56) Ethyl methacrylate	9.16	69	143275	20.259	ug/l	95
57) 1,3-Dichloropropane	9.35	76	166585	21.231	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	229748	72.218	ug/l	97
59) 2-Hexanone	9.48	43	554751	105.170	ug/l	100
60) Dibromochloromethane	9.56	129	122598	21.969	ug/l	95
61) 1,2-Dibromoethane	9.65	107	112484	21.780	ug/l	99
64) Tetrachloroethene	9.32	164	102620	22.408	ug/l	95
65) Chlorobenzene	10.12	112	270542	21.736	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	109177	22.256	ug/l	97
67) Ethyl Benzene	10.24	91	456582	21.571	ug/l	99
68) m/p-Xylenes	10.34	106	344678	43.628	ug/l	96
69) o-Xylene	10.68	106	163374	21.332	ug/l	97
70) Styrene	10.70	104	282912	21.692	ug/l	98
71) Bromoform	10.84	173	96280	23.010	ug/l	99
73) Isopropylbenzene	11.00	105	451985	20.320	ug/l	99
74) N-amyl acetate	10.88	43	199997	18.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	156763	19.978	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	149943m	19.988	ug/l	
77) Bromobenzene	11.24	156	124496	20.248	ug/l	97
78) n-propylbenzene	11.34	91	520338	20.602	ug/l	100
79) 2-Chlorotoluene	11.40	91	319585	20.481	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	393277	21.515	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	49472	17.811	ug/l	91
82) 4-Chlorotoluene	11.49	91	386312	20.825	ug/l	98
83) tert-Butylbenzene	11.76	119	383106	21.238	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	403911	21.613	ug/l	100
85) sec-Butylbenzene	11.93	105	438463	21.374	ug/l	99
86) p-Isopropyltoluene	12.05	119	413909	21.966	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	224519	20.798	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	226335	20.940	ug/l	96
89) n-Butylbenzene	12.37	91	349993	20.350	ug/l	98
90) Hexachloroethane	12.58	117	83662	22.567	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	210651	20.730	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	39009	19.882	ug/l	95

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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	136968	20.213	ug/l	98
94) Hexachlorobutadiene	13.77	225	58596	21.924	ug/l	98
95) Naphthalene	13.82	128	441950	19.818	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	137126	20.480	ug/l	99

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

