

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018338.D
 Acq On : 10 Sep 2020 13:08
 Operator : JC/SP
 Sample : VX0910WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:13:29 AM

Quant Time: Sep 11 07:13:48 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	385766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	584040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	552135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	296450	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	271379	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
35) Dibromofluoromethane	5.46	113	203352	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
50) Toluene-d8	8.70	98	697910	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	11.12	95	277910	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90497	19.268	ug/l	99
3) Chloromethane	1.31	50	81099	16.378	ug/l	100
4) Vinyl Chloride	1.39	62	85464	17.338	ug/l	98
5) Bromomethane	1.64	94	57567	24.213	ug/l	94
6) Chloroethane	1.72	64	51863	19.590	ug/l	96
7) Trichlorofluoromethane	1.92	101	148036	22.025	ug/l	98
8) Diethyl Ether	2.17	74	46700	20.488	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77285	21.269	ug/l	98
10) Methyl Iodide	2.49	142	63485	19.890	ug/l	97
11) Tert butyl alcohol	3.00	59	95115	91.344	ug/l	98
12) 1,1-Dichloroethene	2.36	96	70046	18.580	ug/l	95
13) Acrolein	2.27	56	53598	124.138	ug/l	97
14) Allyl chloride	2.71	41	129393	19.104	ug/l	98
15) Acrylonitrile	3.11	53	219653	92.993	ug/l	98
16) Acetone	2.42	43	202162	96.877	ug/l	96
17) Carbon Disulfide	2.55	76	192721	16.911	ug/l	99
18) Methyl Acetate	2.75	43	113612	22.561	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	268026	20.731	ug/l	98
20) Methylene Chloride	2.83	84	85834	19.402	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	78195	18.722	ug/l	99
22) Diisopropyl ether	3.82	45	266418	19.930	ug/l	# 81
23) Vinyl Acetate	3.78	43	1169572	98.325	ug/l	100
24) 1,1-Dichloroethane	3.67	63	150670	19.800	ug/l	98
25) 2-Butanone	4.63	43	311057	90.699	ug/l	99
26) 2,2-Dichloropropane	4.55	77	132410	21.386	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	87872	18.260	ug/l	96
28) Bromochloromethane	4.98	49	68043	18.524	ug/l	99
29) Tetrahydrofuran	5.09	42	193442	88.605	ug/l	98
30) Chloroform	5.17	83	161079	20.443	ug/l	100
31) Cyclohexane	5.54	56	115682	18.047	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	149718	20.705	ug/l	99
36) 1,1-Dichloropropene	5.77	75	106685	19.805	ug/l	97
37) Ethyl Acetate	4.79	43	124917	19.966	ug/l	99
38) Carbon Tetrachloride	5.75	117	138734	22.853	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	114897	19.506	ug/l	91
40) Benzene	6.11	78	318779	20.139	ug/l	99
41) Methacrylonitrile	5.00	41	68059	19.812	ug/l	99
42) 1,2-Dichloroethane	6.17	62	137288	22.638	ug/l	98
43) Isopropyl Acetate	6.41	43	198970	19.689	ug/l	99
44) Trichloroethene	7.19	130	90258	20.180	ug/l	97
45) 1,2-Dichloropropane	7.49	63	86183	20.202	ug/l	98
46) Dibromomethane	7.63	93	61384	20.461	ug/l	100
47) Bromodichloromethane	7.87	83	129692	21.651	ug/l	100
48) Methyl methacrylate	7.74	41	98847	19.649	ug/l	98
49) 1,4-Dioxane	7.71	88	33284	365.258	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	628792	100.732	ug/l	99
52) Toluene	8.76	92	200812	20.007	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	140776	21.205	ug/l	93
54) cis-1,3-Dichloropropene	8.42	75	145141	20.638	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	90167	21.064	ug/l	94
56) Ethyl methacrylate	9.16	69	123123	19.348	ug/l	98
57) 1,3-Dichloropropane	9.35	76	144548	20.473	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	296270	103.494	ug/l	97
59) 2-Hexanone	9.47	43	464222	97.803	ug/l	98
60) Dibromochloromethane	9.56	129	108957	21.697	ug/l	98
61) 1,2-Dibromoethane	9.65	107	95784	20.610	ug/l	97
64) Tetrachloroethene	9.32	164	89796	22.131	ug/l	96
65) Chlorobenzene	10.12	112	229302	20.794	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	92926	21.381	ug/l	99
67) Ethyl Benzene	10.24	91	380847	20.309	ug/l	99
68) m/p-Xylenes	10.34	106	296837	42.408	ug/l	99
69) o-Xylene	10.68	106	136859	20.170	ug/l	99
70) Styrene	10.70	104	238147	20.609	ug/l	97
71) Bromoform	10.84	173	80764	21.786	ug/l #	96
73) Isopropylbenzene	11.00	105	381991	19.535	ug/l	98
74) N-amyl acetate	10.88	43	164808	17.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	135454	19.637	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	128201m	19.440	ug/l	
77) Bromobenzene	11.24	156	103414	19.132	ug/l	99
78) n-propylbenzene	11.34	91	436234	19.648	ug/l	99
79) 2-Chlorotoluene	11.40	91	272159	19.840	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	326243	20.303	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	45343	18.570	ug/l	94
82) 4-Chlorotoluene	11.49	91	323269	19.824	ug/l	99
83) tert-Butylbenzene	11.76	119	314007	19.802	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	339071	20.639	ug/l	99
85) sec-Butylbenzene	11.93	105	372951	20.681	ug/l	100
86) p-Isopropyltoluene	12.05	119	347428	20.974	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	186968	19.702	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	190211	20.018	ug/l	97
89) n-Butylbenzene	12.37	91	297289	19.663	ug/l	99
90) Hexachloroethane	12.58	117	70741	21.706	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	183022	20.488	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31774	18.422	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	116679	19.587	ug/l	98
94) Hexachlorobutadiene	13.77	225	52581	22.379	ug/l	96
95) Naphthalene	13.82	128	359080	18.317	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	117065	19.889	ug/l	98

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

