

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091020\
 Data File : VX018337.D
 Acq On : 10 Sep 2020 12:34
 Operator : JC/SP
 Sample : VX0910WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:13:19 AM

Quant Time: Sep 11 07:12:15 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	391299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	597963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	574281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	309679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	278976	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	5.47	113	213701	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	8.70	98	740657	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.12	95	290764	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	91215	19.146	ug/l	99
3) Chloromethane	1.31	50	83804	16.685	ug/l	96
4) Vinyl Chloride	1.39	62	89203	17.841	ug/l	100
5) Bromomethane	1.64	94	55712	23.101	ug/l	97
6) Chloroethane	1.71	64	53960	20.094	ug/l	97
7) Trichlorofluoromethane	1.92	101	151346	22.199	ug/l	100
8) Diethyl Ether	2.17	74	47632	20.601	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77678	21.075	ug/l	97
10) Methyl Iodide	2.49	142	61387	19.207	ug/l	95
11) Tert butyl alcohol	3.01	59	97600	92.405	ug/l	100
12) 1,1-Dichloroethene	2.35	96	73427	19.202	ug/l	91
13) Acrolein	2.28	56	55538	126.812	ug/l	98
14) Allyl chloride	2.71	41	130429	18.985	ug/l	96
15) Acrylonitrile	3.12	53	228303	95.288	ug/l	97
16) Acetone	2.42	43	216225	102.151	ug/l	96
17) Carbon Disulfide	2.55	76	199963	17.298	ug/l	100
18) Methyl Acetate	2.75	43	116130	22.735	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	265410	20.238	ug/l	100
20) Methylene Chloride	2.84	84	87807	19.577	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	81878	19.326	ug/l	97
22) Diisopropyl ether	3.82	45	274167	20.219	ug/l #	88
23) Vinyl Acetate	3.79	43	1159348	96.087	ug/l	99
24) 1,1-Dichloroethane	3.67	63	156796	20.313	ug/l	99
25) 2-Butanone	4.63	43	325428	93.547	ug/l	98
26) 2,2-Dichloropropane	4.55	77	143246	22.809	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	92547	18.959	ug/l	99
28) Bromochloromethane	4.98	49	67124	18.016	ug/l	95
29) Tetrahydrofuran	5.09	42	196486	88.726	ug/l	96
30) Chloroform	5.18	83	166717	20.859	ug/l	97
31) Cyclohexane	5.55	56	116031	17.845	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	152444	20.784	ug/l	99
36) 1,1-Dichloropropene	5.77	75	110073	19.958	ug/l	97
37) Ethyl Acetate	4.79	43	123330	19.253	ug/l	99
38) Carbon Tetrachloride	5.76	117	140264	22.567	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	114831	19.041	ug/l	98
40) Benzene	6.11	78	326712	20.160	ug/l	98
41) Methacrylonitrile	5.00	41	65950	18.751	ug/l	94
42) 1,2-Dichloroethane	6.17	62	137666	22.171	ug/l	98
43) Isopropyl Acetate	6.42	43	196191	18.962	ug/l	98
44) Trichloroethene	7.19	130	92331	20.163	ug/l	97
45) 1,2-Dichloropropane	7.49	63	89251	20.434	ug/l	95
46) Dibromomethane	7.64	93	62932	20.489	ug/l	98
47) Bromodichloromethane	7.87	83	133877	21.829	ug/l	98
48) Methyl methacrylate	7.75	41	94669	18.380	ug/l	96
49) 1,4-Dioxane	7.71	88	36450	390.688	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	638976	99.980	ug/l	100
52) Toluene	8.77	92	204235	19.874	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	140569	20.681	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	147181	20.441	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	92522	21.111	ug/l	98
56) Ethyl methacrylate	9.16	69	123847	19.008	ug/l	98
57) 1,3-Dichloropropane	9.35	76	146682	20.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	296195	101.058	ug/l	99
59) 2-Hexanone	9.47	43	481433	99.067	ug/l	99
60) Dibromochloromethane	9.57	129	108764	21.155	ug/l	98
61) 1,2-Dibromoethane	9.65	107	94843	19.933	ug/l	100
64) Tetrachloroethene	9.32	164	87683	20.777	ug/l	95
65) Chlorobenzene	10.12	112	228721	19.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96939	21.444	ug/l	97
67) Ethyl Benzene	10.24	91	390595	20.025	ug/l	100
68) m/p-Xylenes	10.34	106	296008	40.659	ug/l	95
69) o-Xylene	10.68	106	141719	20.081	ug/l	96
70) Styrene	10.69	104	243187	20.234	ug/l	97
71) Bromoform	10.84	173	82924	21.506	ug/l #	99
73) Isopropylbenzene	11.00	105	393896	19.283	ug/l	99
74) N-amyl acetate	10.88	43	169480	17.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	133032	18.462	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	130917m	19.004	ug/l	
77) Bromobenzene	11.24	156	108186	19.160	ug/l	96
78) n-propylbenzene	11.34	91	443135	19.106	ug/l	100
79) 2-Chlorotoluene	11.40	91	275064	19.196	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	338824	20.185	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	46422	18.200	ug/l	94
82) 4-Chlorotoluene	11.49	91	334728	19.649	ug/l	99
83) tert-Butylbenzene	11.76	119	319360	19.279	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	349099	20.342	ug/l	97
85) sec-Butylbenzene	11.93	105	373765	19.841	ug/l	100
86) p-Isopropyltoluene	12.05	119	349991	20.226	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	194455	19.615	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	193633	19.508	ug/l	97
89) n-Butylbenzene	12.37	91	297428	18.832	ug/l	98
90) Hexachloroethane	12.58	117	70398	20.678	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	181394	19.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33098	18.370	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	115625	18.581	ug/l	98
94) Hexachlorobutadiene	13.77	225	50216	20.459	ug/l	94
95) Naphthalene	13.82	128	354928	17.331	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	112807	18.347	ug/l	97

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

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