

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018051.D
 Acq On : 21 Aug 2020 12:04
 Operator : JC/SP
 Sample : VX0821WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS01

Manual Integrations
 APPROVED

sam
 8/24/2020 5:50:04 PM

Quant Time: Aug 22 00:02:58 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	638676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	997923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	874640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	460345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	410122	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.46	113	326579	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.70	98	1121320	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
62) 4-Bromofluorobenzene	11.12	95	442918	44.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148730	19.127	ug/l	100
3) Chloromethane	1.31	50	143474	17.501	ug/l	98
4) Vinyl Chloride	1.39	62	147625	18.089	ug/l	97
5) Bromomethane	1.63	94	97893	24.870	ug/l	96
6) Chloroethane	1.72	64	87450	19.951	ug/l	98
7) Trichlorofluoromethane	1.92	101	224195	20.147	ug/l	99
8) Diethyl Ether	2.17	74	75067	19.892	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	114142	18.973	ug/l	96
10) Methyl Iodide	2.49	142	106471	20.079	ug/l	99
11) Tert butyl alcohol	3.01	59	147223	85.398	ug/l	98
12) 1,1-Dichloroethene	2.36	96	109570	17.555	ug/l	94
13) Acrolein	2.27	56	64842	90.710	ug/l	97
14) Allyl chloride	2.71	41	211468	18.858	ug/l	99
15) Acrylonitrile	3.12	53	354143	90.560	ug/l	99
16) Acetone	2.42	43	306128	88.607	ug/l	98
17) Carbon Disulfide	2.55	76	347438	18.414	ug/l	99
18) Methyl Acetate	2.75	43	149202	17.896	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	427062	19.951	ug/l	99
20) Methylene Chloride	2.83	84	139846	19.074	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	133414	19.293	ug/l	96
22) Diisopropyl ether	3.82	45	452805	20.459	ug/l	93
23) Vinyl Acetate	3.78	43	1994170	101.261	ug/l	99
24) 1,1-Dichloroethane	3.67	63	249552	19.808	ug/l	98
25) 2-Butanone	4.64	43	517279	91.102	ug/l	96
26) 2,2-Dichloropropane	4.55	77	222118	21.668	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	152955	19.198	ug/l	99
28) Bromochloromethane	4.97	49	116601	19.174	ug/l	98
29) Tetrahydrofuran	5.09	42	328734	90.948	ug/l	100
30) Chloroform	5.18	83	255865	19.614	ug/l	98
31) Cyclohexane	5.55	56	217114	20.458	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	235493	19.671	ug/l	100
36) 1,1-Dichloropropene	5.77	75	188697	20.501	ug/l	100
37) Ethyl Acetate	4.79	43	207292	19.391	ug/l	98
38) Carbon Tetrachloride	5.75	117	210478	20.291	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	212811	21.144	ug/l	98
40) Benzene	6.11	78	547090	20.228	ug/l	100
41) Methacrylonitrile	5.00	41	109354	18.630	ug/l	97
42) 1,2-Dichloroethane	6.16	62	208714	20.142	ug/l	99
43) Isopropyl Acetate	6.41	43	328317	19.014	ug/l	99
44) Trichloroethene	7.19	130	152552	19.962	ug/l	95
45) 1,2-Dichloropropane	7.49	63	145877	20.012	ug/l	96
46) Dibromomethane	7.63	93	96306	18.788	ug/l	100
47) Bromodichloromethane	7.87	83	201510	19.688	ug/l	98
48) Methyl methacrylate	7.74	41	153666	17.877	ug/l	99
49) 1,4-Dioxane	7.71	88	54700	351.316	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	915542	85.839	ug/l	100
52) Toluene	8.76	92	316368	18.447	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	217799	19.200	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	229424	19.092	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	134613	18.404	ug/l	97
56) Ethyl methacrylate	9.16	69	194644	17.901	ug/l	99
57) 1,3-Dichloropropane	9.35	76	236731	19.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	403444	82.481	ug/l	100
59) 2-Hexanone	9.47	43	711578	87.739	ug/l	98
60) Dibromochloromethane	9.56	129	155336	18.104	ug/l	98
61) 1,2-Dibromoethane	9.65	107	136320	17.167	ug/l	95
64) Tetrachloroethene	9.32	164	142866	22.228	ug/l	95
65) Chlorobenzene	10.12	112	343391	19.658	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	138129	20.063	ug/l	99
67) Ethyl Benzene	10.24	91	648825	21.841	ug/l	100
68) m/p-Xylenes	10.34	106	490992	44.282	ug/l	98
69) o-Xylene	10.68	106	233447	21.719	ug/l	98
70) Styrene	10.70	104	399389	21.819	ug/l	99
71) Bromoform	10.84	173	114137	19.436	ug/l #	96
73) Isopropylbenzene	11.00	105	631332	20.792	ug/l	98
74) N-amyl acetate	10.88	43	284843	19.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	196266	18.323	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	186580m	18.220	ug/l	
77) Bromobenzene	11.24	156	163174	19.441	ug/l	98
78) n-propylbenzene	11.34	91	694777	20.151	ug/l	100
79) 2-Chlorotoluene	11.40	91	416462	19.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	511350	20.493	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	73049	19.266	ug/l	97
82) 4-Chlorotoluene	11.49	91	482448	19.052	ug/l	99
83) tert-Butylbenzene	11.76	119	500383	20.320	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	521006	20.423	ug/l	100
85) sec-Butylbenzene	11.93	105	576229	20.577	ug/l	99
86) p-Isopropyltoluene	12.05	119	542945	21.108	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	280650	19.044	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	283064	19.184	ug/l	98
89) n-Butylbenzene	12.37	91	490849	20.907	ug/l	99
90) Hexachloroethane	12.58	117	100715	19.901	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	275438	19.856	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49607	18.522	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	182899	19.773	ug/l	100
94) Hexachlorobutadiene	13.77	225	75069	20.575	ug/l	97
95) Naphthalene	13.82	128	576032	18.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	179746	19.666	ug/l	97

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

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