

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
 Data File : VX018052.D
 Acq On : 21 Aug 2020 12:37
 Operator : JC/SP
 Sample : VX0821WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Manual Integrations
 APPROVED

sam
 8/24/2020 5:49:59 PM

Quant Time: Aug 22 00:04:59 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	710747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1119445	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1027500	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	500643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	457653	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
35) Dibromofluoromethane	5.46	113	366561	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.70	98	1311792	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
62) 4-Bromofluorobenzene	11.12	95	515131	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	174111	20.120	ug/l	99
3) Chloromethane	1.31	50	171637	18.813	ug/l	99
4) Vinyl Chloride	1.39	62	172909	19.039	ug/l	97
5) Bromomethane	1.63	94	112034	25.576	ug/l	97
6) Chloroethane	1.72	64	100468	20.597	ug/l	98
7) Trichlorofluoromethane	1.92	101	260057	21.000	ug/l	100
8) Diethyl Ether	2.17	74	87101	20.740	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	137409	20.524	ug/l	96
10) Methyl Iodide	2.49	142	139265	22.673	ug/l	100
11) Tert butyl alcohol	3.01	59	170022	88.622	ug/l	97
12) 1,1-Dichloroethene	2.36	96	130393	18.773	ug/l	98
13) Acrolein	2.27	56	66541	83.648	ug/l	93
14) Allyl chloride	2.71	41	274623	22.007	ug/l	99
15) Acrylonitrile	3.11	53	420865	96.709	ug/l	99
16) Acetone	2.42	43	350522	91.168	ug/l	98
17) Carbon Disulfide	2.55	76	422963	20.144	ug/l	100
18) Methyl Acetate	2.75	43	185430	19.986	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	498234	20.916	ug/l	98
20) Methylene Chloride	2.84	84	166458	20.485	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	154312	20.053	ug/l	97
22) Diisopropyl ether	3.82	45	529012	21.479	ug/l	94
23) Vinyl Acetate	3.78	43	2347599	107.120	ug/l	99
24) 1,1-Dichloroethane	3.67	63	291011	20.756	ug/l	98
25) 2-Butanone	4.64	43	599811	94.926	ug/l	98
26) 2,2-Dichloropropane	4.55	77	263842	23.129	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	180462	20.354	ug/l	98
28) Bromochloromethane	4.98	49	128264	18.953	ug/l	99
29) Tetrahydrofuran	5.09	42	382550	95.105	ug/l	100
30) Chloroform	5.18	83	292178	20.126	ug/l	99
31) Cyclohexane	5.55	56	255756	21.656	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	270988	20.341	ug/l	99
36) 1,1-Dichloropropene	5.77	75	223753	21.671	ug/l	99
37) Ethyl Acetate	4.79	43	237331	19.791	ug/l	100
38) Carbon Tetrachloride	5.76	117	242400	20.832	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	251265	22.255	ug/l	96
40) Benzene	6.11	78	640169	21.100	ug/l	100
41) Methacrylonitrile	5.00	41	128743	19.552	ug/l	98
42) 1,2-Dichloroethane	6.17	62	242449	20.857	ug/l	100
43) Isopropyl Acetate	6.41	43	385942	19.925	ug/l	99
44) Trichloroethene	7.19	130	175710	20.497	ug/l	100
45) 1,2-Dichloropropane	7.49	63	172545	21.101	ug/l	99
46) Dibromomethane	7.63	93	115522	20.090	ug/l	98
47) Bromodichloromethane	7.87	83	233914	20.373	ug/l	99
48) Methyl methacrylate	7.74	41	188851	19.586	ug/l	98
49) 1,4-Dioxane	7.71	88	66843	382.702	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1132420	94.647	ug/l	100
52) Toluene	8.76	92	378025	19.650	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	258272	20.297	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	274789	20.385	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	158936	19.371	ug/l	98
56) Ethyl methacrylate	9.16	69	237227	19.449	ug/l	99
57) 1,3-Dichloropropane	9.35	76	262980	19.433	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	399877	72.877	ug/l	100
59) 2-Hexanone	9.47	43	858080	94.318	ug/l	100
60) Dibromochloromethane	9.56	129	189171	19.654	ug/l	100
61) 1,2-Dibromoethane	9.65	107	175470	19.698	ug/l	98
64) Tetrachloroethene	9.32	164	169366	22.431	ug/l	97
65) Chlorobenzene	10.12	112	421195	20.525	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	163907	20.265	ug/l	97
67) Ethyl Benzene	10.23	91	733066	21.006	ug/l	100
68) m/p-Xylenes	10.34	106	564383	43.328	ug/l	97
69) o-Xylene	10.68	106	266824	21.131	ug/l	98
70) Styrene	10.70	104	457823	21.290	ug/l	99
71) Bromoform	10.84	173	138258	20.041	ug/l	98
73) Isopropylbenzene	11.00	105	699141	21.171	ug/l	98
74) N-amyl acetate	10.88	43	312287	19.931	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	222607	19.109	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	224935m	20.197	ug/l	
77) Bromobenzene	11.24	156	187569	20.548	ug/l	98
78) n-propylbenzene	11.34	91	815875	21.759	ug/l	100
79) 2-Chlorotoluene	11.40	91	496450	21.430	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	619910	22.844	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	84176	20.414	ug/l	98
82) 4-Chlorotoluene	11.49	91	590273	21.434	ug/l	99
83) tert-Butylbenzene	11.76	119	604156	22.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	626988	22.599	ug/l	99
85) sec-Butylbenzene	11.93	105	680187	22.334	ug/l	99
86) p-Isopropyltoluene	12.05	119	637674	22.795	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	329083	20.534	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	334796	20.864	ug/l	98
89) n-Butylbenzene	12.37	91	597638	23.407	ug/l	99
90) Hexachloroethane	12.58	117	122467	22.251	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	321065	21.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53126	18.239	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	213053	21.178	ug/l	98
94) Hexachlorobutadiene	13.77	225	85197	21.471	ug/l	98
95) Naphthalene	13.82	128	690641	20.861	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	206357	20.760	ug/l	98

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

