

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017677.D
 Acq On : 30 Jul 2020 12:32
 Operator : JC/SP
 Sample : VX0730WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0730WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:57:55 AM

Quant Time: Jul 31 06:01:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	553866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	828338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	766690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	379857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	368791	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
35) Dibromofluoromethane	5.47	113	282948	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	8.70	98	1002323	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.12	95	370810	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	85742	15.993	ug/l	94
3) Chloromethane	1.32	50	108827	16.146	ug/l	99
4) Vinyl Chloride	1.39	62	113214	16.244	ug/l	97
5) Bromomethane	1.63	94	82730	20.273	ug/l	96
6) Chloroethane	1.71	64	67770	17.132	ug/l	98
7) Trichlorofluoromethane	1.92	101	189559	17.291	ug/l	97
8) Diethyl Ether	2.17	74	64675	17.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102045	16.963	ug/l	97
10) Methyl Iodide	2.50	142	115902	15.059	ug/l	94
11) Tert butyl alcohol	3.01	59	134671	89.812	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97682	17.075	ug/l	98
13) Acrolein	2.28	56	96227	86.807	ug/l	99
14) Allyl chloride	2.71	41	185659	17.773	ug/l	99
15) Acrylonitrile	3.12	53	287889	88.891	ug/l	100
16) Acetone	2.42	43	261755	83.590	ug/l	95
17) Carbon Disulfide	2.56	76	273305	15.718	ug/l	99
18) Methyl Acetate	2.75	43	137286	18.615	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	344260	17.386	ug/l	100
20) Methylene Chloride	2.84	84	113414	18.419	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	107126	17.480	ug/l	94
22) Diisopropyl ether	3.83	45	345711	18.100	ug/l	99
23) Vinyl Acetate	3.79	43	1514852	88.950	ug/l	99
24) 1,1-Dichloroethane	3.67	63	197793	17.977	ug/l	99
25) 2-Butanone	4.64	43	394924	88.777	ug/l	97
26) 2,2-Dichloropropane	4.56	77	179829	18.258	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	118668	17.827	ug/l	99
28) Bromochloromethane	4.98	49	101429	20.343	ug/l	99
29) Tetrahydrofuran	5.09	42	245031	88.924	ug/l	98
30) Chloroform	5.18	83	208982	18.589	ug/l	99
31) Cyclohexane	5.55	56	153100	17.449	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	192801	18.186	ug/l	99
36) 1,1-Dichloropropene	5.78	75	145159	18.272	ug/l	99
37) Ethyl Acetate	4.79	43	152821	17.581	ug/l	97
38) Carbon Tetrachloride	5.76	117	174605	18.098	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	153551	16.557	ug/l	97
40) Benzene	6.12	78	423791	18.606	ug/l	97
41) Methacrylonitrile	5.01	41	87268	17.515	ug/l	98
42) 1,2-Dichloroethane	6.17	62	172622	18.526	ug/l	96
43) Isopropyl Acetate	6.42	43	257181	17.932	ug/l	100
44) Trichloroethene	7.19	130	120873	18.159	ug/l	93
45) 1,2-Dichloropropane	7.49	63	109748	17.382	ug/l	98
46) Dibromomethane	7.64	93	77626	17.396	ug/l	99
47) Bromodichloromethane	7.88	83	166151	18.505	ug/l	99
48) Methyl methacrylate	7.75	41	123419	17.360	ug/l	99
49) 1,4-Dioxane	7.71	88	48891	358.697	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	770755	90.069	ug/l	99
52) Toluene	8.77	92	260618	17.842	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	177798	17.690	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	185482	18.093	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	109429	17.984	ug/l	98
56) Ethyl methacrylate	9.16	69	164501	17.944	ug/l	98
57) 1,3-Dichloropropane	9.35	76	178413	17.806	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	417285	86.398	ug/l	98
59) 2-Hexanone	9.47	43	582128	90.354	ug/l	99
60) Dibromochloromethane	9.57	129	139086	17.984	ug/l	99
61) 1,2-Dibromoethane	9.65	107	118799	18.338	ug/l	100
64) Tetrachloroethene	9.32	164	127164	18.480	ug/l	98
65) Chlorobenzene	10.12	112	293430	17.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	120835	18.042	ug/l	98
67) Ethyl Benzene	10.24	91	508044	18.340	ug/l	98
68) m/p-Xylenes	10.34	106	384557	35.834	ug/l	97
69) o-Xylene	10.68	106	181269	17.562	ug/l	98
70) Styrene	10.70	104	320379	18.244	ug/l	98
71) Bromoform	10.84	173	103039	17.757	ug/l #	100
73) Isopropylbenzene	11.00	105	507597	19.479	ug/l	100
74) N-amyl acetate	10.88	43	212615	18.363	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	137248	16.874	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	139382m	17.838	ug/l	
77) Bromobenzene	11.24	156	130605	17.903	ug/l	99
78) n-propylbenzene	11.34	91	522753	17.787	ug/l	100
79) 2-Chlorotoluene	11.40	91	314180	17.257	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	403785	18.148	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	56647	18.267	ug/l	98
82) 4-Chlorotoluene	11.49	91	382360	17.804	ug/l	99
83) tert-Butylbenzene	11.76	119	382375	17.961	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	405859	18.340	ug/l	99
85) sec-Butylbenzene	11.93	105	453732	18.295	ug/l	99
86) p-Isopropyltoluene	12.05	119	431038	18.251	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	225515	18.001	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	228168	17.583	ug/l	99
89) n-Butylbenzene	12.37	91	362077	17.205	ug/l	98
90) Hexachloroethane	12.58	117	80388	17.265	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	218005	17.706	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	37932	18.217	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	165029	19.639	ug/l	98
94) Hexachlorobutadiene	13.77	225	71713	18.539	ug/l	96
95) Naphthalene	13.82	128	485142	19.340	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	151914	18.309	ug/l	98

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

