

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080620\
 Data File : VX017800.D
 Acq On : 06 Aug 2020 11:45
 Operator : JC/SP
 Sample : VX0806WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0806WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 4:32:34 PM

Quant Time: Aug 06 15:35:25 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	431246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	659844	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	619612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	320972	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	302656	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	5.46	113	236979	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
50) Toluene-d8	8.70	98	822407	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.12	95	322531	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	71011	17.078	ug/l	97
3) Chloromethane	1.32	50	87155	16.597	ug/l	98
4) Vinyl Chloride	1.39	62	89070	16.413	ug/l	98
5) Bromomethane	1.63	94	62720	19.655	ug/l	98
6) Chloroethane	1.71	64	54848	17.838	ug/l	95
7) Trichlorofluoromethane	1.92	101	154269	18.074	ug/l	100
8) Diethyl Ether	2.17	74	54003	18.661	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	82186	17.546	ug/l	95
10) Methyl Iodide	2.49	142	96531	16.109	ug/l	98
11) Tert butyl alcohol	3.02	59	126795	108.603	ug/l	98
12) 1,1-Dichloroethene	2.36	96	76123	17.090	ug/l	97
13) Acrolein	2.28	56	70987	82.465	ug/l	97
14) Allyl chloride	2.71	41	145717	17.916	ug/l	96
15) Acrylonitrile	3.12	53	270966	107.455	ug/l	100
16) Acetone	2.42	43	250138	102.593	ug/l	99
17) Carbon Disulfide	2.55	76	205509	15.179	ug/l	100
18) Methyl Acetate	2.75	43	130612	22.746	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	298906	19.388	ug/l	100
20) Methylene Chloride	2.84	84	97790	20.539	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	87053	18.243	ug/l	98
22) Diisopropyl ether	3.83	45	292777	19.687	ug/l	96
23) Vinyl Acetate	3.79	43	1316606	99.292	ug/l	99
24) 1,1-Dichloroethane	3.67	63	169267	19.758	ug/l	98
25) 2-Butanone	4.64	43	389136	112.349	ug/l	93
26) 2,2-Dichloropropane	4.55	77	150962	19.686	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	98737	19.050	ug/l	99
28) Bromochloromethane	4.98	49	70497	18.159	ug/l	99
29) Tetrahydrofuran	5.10	42	248032	115.607	ug/l	99
30) Chloroform	5.18	83	180951	20.672	ug/l	94
31) Cyclohexane	5.55	56	124935	18.288	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	167899	20.341	ug/l	98
36) 1,1-Dichloropropene	5.77	75	121277	19.164	ug/l	100
37) Ethyl Acetate	4.80	43	147964	21.369	ug/l	98
38) Carbon Tetrachloride	5.76	117	152445	19.836	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	128320	17.369	ug/l	95
40) Benzene	6.11	78	362581	19.984	ug/l	96
41) Methacrylonitrile	5.01	41	84740	21.351	ug/l	98
42) 1,2-Dichloroethane	6.17	62	147618	19.888	ug/l	97
43) Isopropyl Acetate	6.42	43	235497	20.613	ug/l	99
44) Trichloroethene	7.19	130	108614	20.484	ug/l	100
45) 1,2-Dichloropropane	7.49	63	96737	19.233	ug/l	100
46) Dibromomethane	7.64	93	70008	19.695	ug/l	96
47) Bromodichloromethane	7.88	83	150182	20.998	ug/l	99
48) Methyl methacrylate	7.75	41	115820	20.451	ug/l	98
49) 1,4-Dioxane	7.72	88	49497	455.873	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	751779	110.284	ug/l	99
52) Toluene	8.77	92	230029	19.769	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	158758	19.829	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	161907	19.826	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	102072	21.058	ug/l	98
56) Ethyl methacrylate	9.16	69	149211	20.432	ug/l	98
57) 1,3-Dichloropropane	9.35	76	163003	20.423	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	350404	91.076	ug/l	99
59) 2-Hexanone	9.48	43	582468	113.492	ug/l	98
60) Dibromochloromethane	9.57	129	122969	19.960	ug/l	98
61) 1,2-Dibromoethane	9.65	107	106625	20.662	ug/l	97
64) Tetrachloroethene	9.32	164	112451	20.221	ug/l	97
65) Chlorobenzene	10.12	112	259717	19.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	109700	20.267	ug/l	99
67) Ethyl Benzene	10.24	91	436589	19.501	ug/l	100
68) m/p-Xylenes	10.34	106	331977	38.277	ug/l	96
69) o-Xylene	10.68	106	159533	19.125	ug/l	100
70) Styrene	10.70	104	275675	19.424	ug/l	100
71) Bromoform	10.84	173	96819	20.646	ug/l #	98
73) Isopropylbenzene	11.01	105	439786	19.973	ug/l	100
74) N-amyl acetate	10.88	43	200770	20.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	144752	21.061	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	146237m	22.149	ug/l	
77) Bromobenzene	11.24	156	120692	19.579	ug/l	97
78) n-propylbenzene	11.34	91	501011	20.174	ug/l	100
79) 2-Chlorotoluene	11.40	91	304895	19.819	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	381549	20.295	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	54221	20.693	ug/l	95
82) 4-Chlorotoluene	11.49	91	364485	20.085	ug/l	98
83) tert-Butylbenzene	11.76	119	360689	20.050	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	380371	20.342	ug/l	99
85) sec-Butylbenzene	11.93	105	428440	20.445	ug/l	99
86) p-Isopropyltoluene	12.05	119	399070	19.997	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	212758	20.099	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	213408	19.463	ug/l	98
89) n-Butylbenzene	12.37	91	341771	19.219	ug/l	98
90) Hexachloroethane	12.58	117	77365	19.664	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	194136	18.660	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	37497	20.874	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	132323	18.636	ug/l	98
94) Hexachlorobutadiene	13.77	225	54804	16.767	ug/l	96
95) Naphthalene	13.82	128	416153	19.633	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	132699	18.927	ug/l	99

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

