

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017743.D
 Acq On : 03 Aug 2020 14:02
 Operator : JC/SP
 Sample : VX0803WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 9:51:09 AM

Quant Time: Aug 04 07:04:32 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	551871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	800642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	728141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	412609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	338842	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
35) Dibromofluoromethane	5.46	113	262055	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.70	98	925722	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.12	95	352707	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	89910	16.886	ug/l	93
3) Chloromethane	1.32	50	104344	15.551	ug/l	98
4) Vinyl Chloride	1.40	62	112067	16.137	ug/l	99
5) Bromomethane	1.63	94	86263	21.366	ug/l	96
6) Chloroethane	1.72	64	69338	17.612	ug/l	89
7) Trichlorofluoromethane	1.92	101	195638	17.911	ug/l	99
8) Diethyl Ether	2.17	74	64786	17.406	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105247	17.558	ug/l	99
10) Methyl Iodide	2.50	142	118114	15.402	ug/l	95
11) Tert butyl alcohol	3.01	59	126662	84.776	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97376	17.083	ug/l	98
13) Acrolein	2.27	56	60817	56.579	ug/l	97
14) Allyl chloride	2.71	41	185971	17.867	ug/l	96
15) Acrylonitrile	3.11	53	284414	88.135	ug/l	99
16) Acetone	2.42	43	260997	83.649	ug/l	97
17) Carbon Disulfide	2.56	76	266161	15.362	ug/l	100
18) Methyl Acetate	2.75	43	140562	19.128	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	350010	17.740	ug/l	99
20) Methylene Chloride	2.84	84	112291	18.295	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	106965	17.516	ug/l	98
22) Diisopropyl ether	3.82	45	355197	18.664	ug/l	# 92
23) Vinyl Acetate	3.78	43	1531249	90.238	ug/l	100
24) 1,1-Dichloroethane	3.67	63	205744	18.767	ug/l	99
25) 2-Butanone	4.64	43	385301	86.927	ug/l	96
26) 2,2-Dichloropropane	4.56	77	190346	19.396	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	118195	17.820	ug/l	99
28) Bromochloromethane	4.98	49	86388	17.389	ug/l	100
29) Tetrahydrofuran	5.09	42	229508	83.592	ug/l	99
30) Chloroform	5.18	83	206495	18.434	ug/l	97
31) Cyclohexane	5.55	56	146245	16.728	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	194465	18.410	ug/l	99
36) 1,1-Dichloropropene	5.76	75	137038	17.846	ug/l	98
37) Ethyl Acetate	4.79	43	147134	17.512	ug/l	97
38) Carbon Tetrachloride	5.76	117	175316	18.801	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	154784	17.267	ug/l	96
40) Benzene	6.11	78	421281	19.136	ug/l	96
41) Methacrylonitrile	5.00	41	81778	16.981	ug/l	97
42) 1,2-Dichloroethane	6.16	62	175219	19.455	ug/l	100
43) Isopropyl Acetate	6.41	43	259853	18.745	ug/l	99
44) Trichloroethene	7.19	130	125619	19.525	ug/l	96
45) 1,2-Dichloropropane	7.49	63	101879	16.694	ug/l	100
46) Dibromomethane	7.63	93	77125	17.882	ug/l	99
47) Bromodichloromethane	7.87	83	166771	19.217	ug/l	97
48) Methyl methacrylate	7.74	41	123255	17.937	ug/l	96
49) 1,4-Dioxane	7.71	88	46622	353.883	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	729736	88.225	ug/l	99
52) Toluene	8.76	92	255653	18.108	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	176467	18.165	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	177245	17.887	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	104576	17.781	ug/l	98
56) Ethyl methacrylate	9.16	69	157656	17.792	ug/l	99
57) 1,3-Dichloropropane	9.35	76	174386	18.007	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	398927	85.454	ug/l	99
59) 2-Hexanone	9.47	43	561231	90.124	ug/l	100
60) Dibromochloromethane	9.56	129	133994	17.925	ug/l	98
61) 1,2-Dibromoethane	9.65	107	116477	18.601	ug/l	97
64) Tetrachloroethene	9.32	164	130197	19.922	ug/l	96
65) Chlorobenzene	10.12	112	303217	19.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	119249	18.747	ug/l	99
67) Ethyl Benzene	10.23	91	486605	18.496	ug/l	99
68) m/p-Xylenes	10.34	106	365738	35.885	ug/l	94
69) o-Xylene	10.68	106	174241	17.775	ug/l	99
70) Styrene	10.70	104	303785	18.215	ug/l	100
71) Bromoform	10.84	173	102571	18.612	ug/l	95
73) Isopropylbenzene	11.00	105	492294	17.392	ug/l	99
74) N-amyl acetate	10.88	43	202753	16.122	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	165786	18.764	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	165424m	19.490	ug/l	
77) Bromobenzene	11.24	156	149745	18.897	ug/l	98
78) n-propylbenzene	11.34	91	615302	19.274	ug/l	99
79) 2-Chlorotoluene	11.40	91	369716	18.695	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	458387	18.967	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	56621	16.810	ug/l	93
82) 4-Chlorotoluene	11.49	91	436453	18.710	ug/l	99
83) tert-Butylbenzene	11.76	119	425064	18.381	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	460092	19.140	ug/l	98
85) sec-Butylbenzene	11.93	105	495693	18.401	ug/l	99
86) p-Isopropyltoluene	12.05	119	463659	18.074	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	249346	18.324	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	247832	17.583	ug/l	98
89) n-Butylbenzene	12.37	91	403003	17.630	ug/l	98
90) Hexachloroethane	12.58	117	84567	16.720	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	237352	17.747	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36419	16.401	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	157981	17.308	ug/l	99
94) Hexachlorobutadiene	13.77	225	73531	17.500	ug/l	99
95) Naphthalene	13.82	128	498296	18.287	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	153256	17.005	ug/l	100

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

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