

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072420\
 Data File : VX017562.D
 Acq On : 25 Jul 2020 01:56
 Operator : JC/SP
 Sample : VX0724WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0724WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/27/2020 11:03:08 AM

Quant Time: Jul 25 04:33:42 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	5.62	168	684806	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	1039691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1017005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	535648	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	446478	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.46	113	356250	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	8.70	98	1324635	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
62) 4-Bromofluorobenzene	11.12	95	515787	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	131659	20.114	ug/l	96
3) Chloromethane	1.31	50	149086	17.850	ug/l	99
4) Vinyl Chloride	1.39	62	150889	17.510	ug/l	97
5) Bromomethane	1.63	94	104671	20.821	ug/l	97
6) Chloroethane	1.72	64	86598	17.731	ug/l	98
7) Trichlorofluoromethane	1.92	101	224060	16.531	ug/l	98
8) Diethyl Ether	2.17	74	80687	17.475	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	119875	16.116	ug/l	98
10) Methyl Iodide	2.49	142	137257	14.424	ug/l	98
11) Tert butyl alcohol	3.01	59	156040	84.166	ug/l	99
12) 1,1-Dichloroethene	2.36	96	120460	17.030	ug/l	99
13) Acrolein	2.27	56	87007	64.597	ug/l	99
14) Allyl chloride	2.71	41	228847	17.719	ug/l	99
15) Acrylonitrile	3.11	53	363878	90.871	ug/l	100
16) Acetone	2.42	43	316671	81.791	ug/l	97
17) Carbon Disulfide	2.55	76	378141	17.589	ug/l	100
18) Methyl Acetate	2.75	43	160317	17.582	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	435384	17.784	ug/l	98
20) Methylene Chloride	2.83	84	149122	19.672	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	141599	18.687	ug/l	100
22) Diisopropyl ether	3.82	45	456101	19.313	ug/l	96
23) Vinyl Acetate	3.78	43	1999196	94.945	ug/l	98
24) 1,1-Dichloroethane	3.67	63	257174	18.904	ug/l	99
25) 2-Butanone	4.63	43	510859	92.881	ug/l	99
26) 2,2-Dichloropropane	4.55	77	165288	13.573	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	157147	19.094	ug/l	95
28) Bromochloromethane	4.98	49	117932	19.130	ug/l	99
29) Tetrahydrofuran	5.09	42	327097	96.009	ug/l	98
30) Chloroform	5.17	83	255555	18.385	ug/l	99
31) Cyclohexane	5.55	56	215380	19.853	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	240215	18.326	ug/l	99
36) 1,1-Dichloropropene	5.76	75	192457	19.301	ug/l	100
37) Ethyl Acetate	4.79	43	205407	18.827	ug/l	99
38) Carbon Tetrachloride	5.75	117	214164	17.686	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	214916	18.463	ug/l	99
40) Benzene	6.10	78	559147	19.559	ug/l	98
41) Methacrylonitrile	5.00	41	110083	17.603	ug/l	99
42) 1,2-Dichloroethane	6.16	62	212930	18.206	ug/l	98
43) Isopropyl Acetate	6.41	43	326134	18.117	ug/l	99
44) Trichloroethene	7.18	130	159726	19.118	ug/l	97
45) 1,2-Dichloropropane	7.49	63	147379	18.597	ug/l	95
46) Dibromomethane	7.63	93	97793	17.461	ug/l	98
47) Bromodichloromethane	7.87	83	203376	18.047	ug/l	97
48) Methyl methacrylate	7.74	41	162905	18.256	ug/l	98
49) 1,4-Dioxane	7.71	88	64974	379.789	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	990104	92.181	ug/l	99
52) Toluene	8.76	92	337442	18.405	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	216135	17.133	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	230258	17.895	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	145964	19.111	ug/l	98
56) Ethyl methacrylate	9.16	69	213929	18.592	ug/l	99
57) 1,3-Dichloropropane	9.35	76	235238	18.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	542605	89.507	ug/l	99
59) 2-Hexanone	9.47	43	777548	96.152	ug/l	99
60) Dibromochloromethane	9.56	129	170297	17.543	ug/l	99
61) 1,2-Dibromoethane	9.65	107	153888	18.925	ug/l	99
64) Tetrachloroethene	9.32	164	160106	17.540	ug/l	97
65) Chlorobenzene	10.12	112	395178	17.952	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	151357	17.036	ug/l	98
67) Ethyl Benzene	10.23	91	677066	18.426	ug/l	97
68) m/p-Xylenes	10.34	106	528840	37.150	ug/l	100
69) o-Xylene	10.68	106	243960	17.819	ug/l	98
70) Styrene	10.70	104	421787	18.107	ug/l	98
71) Bromoform	10.84	173	123137	15.998	ug/l #	98
73) Isopropylbenzene	11.00	105	669259	18.213	ug/l	99
74) N-amyl acetate	10.88	43	289855	17.753	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	187969	16.388	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	200924m	18.235	ug/l	
77) Bromobenzene	11.24	156	174069	16.921	ug/l	97
78) n-propylbenzene	11.34	91	764172	18.439	ug/l	99
79) 2-Chlorotoluene	11.40	91	471312	18.358	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	586380	18.690	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	65995	15.092	ug/l	99
82) 4-Chlorotoluene	11.49	91	564438	18.638	ug/l	100
83) tert-Butylbenzene	11.76	119	545715	18.178	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	577815	18.516	ug/l	99
85) sec-Butylbenzene	11.93	105	650956	18.614	ug/l	100
86) p-Isopropyltoluene	12.05	119	620576	18.634	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	314919	17.827	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	329729	18.020	ug/l	98
89) n-Butylbenzene	12.37	91	559535	18.855	ug/l	99
90) Hexachloroethane	12.58	117	116526	17.747	ug/l	92
91) 1,2-Dichlorobenzene	12.37	146	311205	17.924	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47453	16.452	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	207375	17.501	ug/l	99
94) Hexachlorobutadiene	13.76	225	93039	17.057	ug/l	94
95) Naphthalene	13.82	128	661979	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	213636	18.259	ug/l	98

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

