

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040920\
 Data File : VX015588.D
 Acq On : 09 Apr 2020 11:59
 Operator : JC/SP
 Sample : VX0409WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Manual Integrations
 APPROVED

sam
 4/10/2020 2:12:41 PM

Quant Time: Apr 09 15:55:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1117079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1672792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1566862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	840840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	743313	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	5.47	113	546115	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
50) Toluene-d8	8.70	98	1991602	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.12	95	811661	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	187102	19.011	ug/l	100
3) Chloromethane	1.31	50	219973	17.551	ug/l	98
4) Vinyl Chloride	1.39	62	219280	19.054	ug/l	97
5) Bromomethane	1.63	94	140029	21.841	ug/l	100
6) Chloroethane	1.71	64	142154	19.917	ug/l	99
7) Trichlorofluoromethane	1.92	101	312559	20.252	ug/l	99
8) Diethyl Ether	2.17	74	129404	19.879	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	196797	19.560	ug/l	96
10) Methyl Iodide	2.49	142	221986	16.365	ug/l	99
11) Tert butyl alcohol	3.01	59	345376	91.585	ug/l	100
12) 1,1-Dichloroethene	2.36	96	194365	18.430	ug/l	93
13) Acrolein	2.27	56	157509	73.322	ug/l	99
14) Allyl chloride	2.71	41	439269	17.826	ug/l	98
15) Acrylonitrile	3.12	53	686607	95.472	ug/l	99
16) Acetone	2.42	43	701183	103.591	ug/l	99
17) Carbon Disulfide	2.55	76	546815	16.996	ug/l	99
18) Methyl Acetate	2.75	43	331634	19.196	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	774982	18.947	ug/l	97
20) Methylene Chloride	2.84	84	225441	17.831	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	217703	18.600	ug/l	99
22) Diisopropyl ether	3.83	45	831751	19.048	ug/l	89
23) Vinyl Acetate	3.79	43	3791772	95.907	ug/l	98
24) 1,1-Dichloroethane	3.67	63	419228	18.234	ug/l	99
25) 2-Butanone	4.64	43	1028841	94.514	ug/l	96
26) 2,2-Dichloropropane	4.56	77	382474	20.267	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	252850	18.672	ug/l	97
28) Bromochloromethane	4.98	49	220483	20.086	ug/l	98
29) Tetrahydrofuran	5.09	42	645110	92.184	ug/l	98
30) Chloroform	5.18	83	421554	19.058	ug/l	96
31) Cyclohexane	5.55	56	377389	18.922	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	380006	18.983	ug/l	99
36) 1,1-Dichloropropene	5.78	75	308493	20.015	ug/l	99
37) Ethyl Acetate	4.80	43	402362	20.049	ug/l	100
38) Carbon Tetrachloride	5.76	117	333600	19.983	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	371172	20.886	ug/l	96
40) Benzene	6.12	78	905604	20.058	ug/l	99
41) Methacrylonitrile	5.00	41	223615	20.072	ug/l	99
42) 1,2-Dichloroethane	6.17	62	383250	21.133	ug/l	99
43) Isopropyl Acetate	6.42	43	654975	19.333	ug/l	99
44) Trichloroethene	7.20	130	256024	20.793	ug/l	91
45) 1,2-Dichloropropane	7.50	63	243812	19.740	ug/l	96
46) Dibromomethane	7.64	93	161454	19.928	ug/l	96
47) Bromodichloromethane	7.88	83	339314	19.655	ug/l	96
48) Methyl methacrylate	7.75	41	329551	19.475	ug/l	99
49) 1,4-Dioxane	7.72	88	129357	409.780	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1999596	104.149	ug/l	99
52) Toluene	8.77	92	574725	20.647	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	386371	19.083	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	410891	19.922	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	239402	20.992	ug/l	98
56) Ethyl methacrylate	9.16	69	394508	19.629	ug/l	100
57) 1,3-Dichloropropane	9.36	76	418476	20.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1014725	103.797	ug/l	99
59) 2-Hexanone	9.47	43	1516323	104.609	ug/l	100
60) Dibromochloromethane	9.57	129	278691	20.337	ug/l	99
61) 1,2-Dibromoethane	9.65	107	259298	20.911	ug/l	97
64) Tetrachloroethene	9.32	164	248778	21.039	ug/l	97
65) Chlorobenzene	10.12	112	630199	20.168	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	247613	19.835	ug/l	99
67) Ethyl Benzene	10.24	91	1116139	20.139	ug/l	100
68) m/p-Xylenes	10.34	106	830180	40.228	ug/l	98
69) o-Xylene	10.68	106	408671	20.040	ug/l	98
70) Styrene	10.70	104	709646	19.776	ug/l	99
71) Bromoform	10.84	173	216720	19.070	ug/l #	99
73) Isopropylbenzene	11.01	105	1104417	20.046	ug/l	99
74) N-amyl acetate	10.89	43	567853	18.532	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	361233	19.108	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	340137m	19.671	ug/l	
77) Bromobenzene	11.24	156	296752	20.193	ug/l	96
78) n-propylbenzene	11.35	91	1262626	20.042	ug/l	100
79) 2-Chlorotoluene	11.40	91	766289	19.845	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	927667	19.716	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	126735	17.587	ug/l	93
82) 4-Chlorotoluene	11.50	91	899435	19.870	ug/l	99
83) tert-Butylbenzene	11.76	119	918162	19.978	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	956632	19.952	ug/l	100
85) sec-Butylbenzene	11.93	105	1076404	20.251	ug/l	100
86) p-Isopropyltoluene	12.05	119	1025239	20.777	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	527757	20.061	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	528988	19.740	ug/l	99
89) n-Butylbenzene	12.37	91	918805	20.605	ug/l	100
90) Hexachloroethane	12.58	117	179396	18.679	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	525285	20.403	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	93925	17.603	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	407260	19.998	ug/l	95
94) Hexachlorobutadiene	13.77	225	190653	19.663	ug/l	96
95) Naphthalene	13.82	128	1238827	19.943	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	397822	20.290	ug/l	97

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

