

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015564.D
 Acq On : 08 Apr 2020 13:23
 Operator : JC/SP
 Sample : VX0408WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBSD01

Manual Integrations
 APPROVED

apatel
 4/9/2020 9:54:47 AM

Quant Time: Apr 09 07:05:26 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	1106904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1720846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1576607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	828159	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	748169	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.47	113	539962	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.70	98	1999507	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.12	95	827336	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	194809	19.976	ug/l	99
3) Chloromethane	1.31	50	221853	17.864	ug/l	98
4) Vinyl Chloride	1.39	62	223365	19.587	ug/l	99
5) Bromomethane	1.63	94	138975	21.892	ug/l	94
6) Chloroethane	1.71	64	147764	20.893	ug/l	98
7) Trichlorofluoromethane	1.92	101	323404	21.147	ug/l	98
8) Diethyl Ether	2.17	74	129122	20.018	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	207354	20.799	ug/l	99
10) Methyl Iodide	2.49	142	205149	15.262	ug/l	98
11) Tert butyl alcohol	3.01	59	308454	82.546	ug/l	99
12) 1,1-Dichloroethene	2.36	96	205315	19.647	ug/l	98
13) Acrolein	2.27	56	214406	100.726	ug/l	100
14) Allyl chloride	2.71	41	459017	18.798	ug/l	97
15) Acrylonitrile	3.12	53	660382	92.669	ug/l	99
16) Acetone	2.42	43	653465	97.428	ug/l	100
17) Carbon Disulfide	2.55	76	567039	17.787	ug/l	98
18) Methyl Acetate	2.75	43	322337	18.830	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	796055	19.641	ug/l	99
20) Methylene Chloride	2.84	84	235873	18.828	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	221436	19.093	ug/l	92
22) Diisopropyl ether	3.83	45	856489	19.795	ug/l	98
23) Vinyl Acetate	3.79	43	3822280	97.568	ug/l	100
24) 1,1-Dichloroethane	3.67	63	440044	19.316	ug/l	99
25) 2-Butanone	4.64	43	998263	92.548	ug/l	96
26) 2,2-Dichloropropane	4.56	77	408375	21.839	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	258373	19.255	ug/l	97
28) Bromochloromethane	4.98	49	210374	19.341	ug/l	97
29) Tetrahydrofuran	5.09	42	624719	90.091	ug/l	98
30) Chloroform	5.18	83	435924	19.889	ug/l	97
31) Cyclohexane	5.56	56	394984	19.986	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	396495	19.989	ug/l	99
36) 1,1-Dichloropropene	5.78	75	325932	20.556	ug/l	100
37) Ethyl Acetate	4.80	43	391748	18.975	ug/l	99
38) Carbon Tetrachloride	5.76	117	352112	20.503	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	376795	20.611	ug/l	98
40) Benzene	6.12	78	933008	20.088	ug/l	97
41) Methacrylonitrile	5.01	41	225761	19.699	ug/l	99
42) 1,2-Dichloroethane	6.17	62	377738	20.247	ug/l	98
43) Isopropyl Acetate	6.42	43	662389	19.006	ug/l	99
44) Trichloroethene	7.19	130	261980	20.682	ug/l	96
45) 1,2-Dichloropropane	7.50	63	250788	19.738	ug/l	98
46) Dibromomethane	7.64	93	164414	19.727	ug/l	97
47) Bromodichloromethane	7.88	83	354892	19.983	ug/l	97
48) Methyl methacrylate	7.75	41	330845	19.006	ug/l	98
49) 1,4-Dioxane	7.72	88	109833	338.215	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1956331	99.050	ug/l	99
52) Toluene	8.77	92	587325	20.511	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	402258	19.313	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	420778	19.832	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	237828	20.272	ug/l	98
56) Ethyl methacrylate	9.16	69	405537	19.614	ug/l	99
57) 1,3-Dichloropropane	9.36	76	417108	19.733	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1003255	99.758	ug/l	99
59) 2-Hexanone	9.48	43	1472956	98.780	ug/l	99
60) Dibromochloromethane	9.57	129	279931	19.857	ug/l	97
61) 1,2-Dibromoethane	9.65	107	250723	19.654	ug/l	95
64) Tetrachloroethene	9.32	164	255043	21.435	ug/l	93
65) Chlorobenzene	10.12	112	653461	20.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	255822	20.366	ug/l	97
67) Ethyl Benzene	10.24	91	1164668	20.885	ug/l	98
68) m/p-Xylenes	10.34	106	860391	41.434	ug/l	100
69) o-Xylene	10.68	106	421104	20.522	ug/l	99
70) Styrene	10.70	104	730281	20.225	ug/l	99
71) Bromoform	10.84	173	214299	18.740	ug/l #	96
73) Isopropylbenzene	11.01	105	1127122	20.772	ug/l	99
74) N-amyl acetate	10.89	43	574598	19.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	357651	19.208	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	331594m	19.471	ug/l	
77) Bromobenzene	11.24	156	304034	21.006	ug/l	97
78) n-propylbenzene	11.35	91	1304628	21.026	ug/l	99
79) 2-Chlorotoluene	11.41	91	785538	20.655	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	989285	21.347	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	126139	17.772	ug/l	94
82) 4-Chlorotoluene	11.49	91	911250	20.439	ug/l	99
83) tert-Butylbenzene	11.76	119	944946	20.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	991953	21.005	ug/l	98
85) sec-Butylbenzene	11.93	105	1116358	21.324	ug/l	99
86) p-Isopropyltoluene	12.05	119	1042215	21.444	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	544435	21.012	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	537628	20.370	ug/l	97
89) n-Butylbenzene	12.37	91	916179	20.860	ug/l	99
90) Hexachloroethane	12.58	117	184259	19.479	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	512276	20.202	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	91222	17.358	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	390150	19.451	ug/l	95
94) Hexachlorobutadiene	13.77	225	194542	20.372	ug/l	98
95) Naphthalene	13.82	128	1219053	19.925	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	405254	20.985	ug/l	97

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

