

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060920\
 Data File : VX016655.D
 Acq On : 09 Jun 2020 11:34
 Operator : JC/SP
 Sample : VX0609WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0609WBSD01

Quant Time: Jun 10 04:31:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	226859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	335127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	313560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160236	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	140769	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
35) Dibromofluoromethane	5.46	113	112515	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
50) Toluene-d8	8.70	98	425675	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
62) 4-Bromofluorobenzene	11.12	95	162549	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	37571	16.829	ug/l	92
3) Chloromethane	1.31	50	42140	15.619	ug/l	97
4) Vinyl Chloride	1.39	62	47106	16.510	ug/l	97
5) Bromomethane	1.62	94	32368	23.332	ug/l	100
6) Chloroethane	1.71	64	29976	18.011	ug/l	99
7) Trichlorofluoromethane	1.92	101	74041	19.760	ug/l	98
8) Diethyl Ether	2.17	74	28468	18.220	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	41279	20.017	ug/l	97
10) Methyl Iodide	2.49	142	42477	19.242	ug/l	98
11) Tert butyl alcohol	3.01	59	63476	87.863	ug/l	100
12) 1,1-Dichloroethene	2.36	96	40610	18.604	ug/l	96
13) Acrolein	2.27	56	25059	81.541	ug/l	100
14) Allyl chloride	2.70	41	66324	16.521	ug/l	97
15) Acrylonitrile	3.11	53	127680	86.277	ug/l	100
16) Acetone	2.42	43	107192	86.843	ug/l	100
17) Carbon Disulfide	2.55	76	105563	16.285	ug/l	99
18) Methyl Acetate	2.75	43	58054	18.338	ug/l	95
19) Methyl tert-butyl Ether	3.16	73	148728	18.974	ug/l	98
20) Methylene Chloride	2.83	84	47109	18.447	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	43287	17.928	ug/l	91
22) Diisopropyl ether	3.82	45	132958	17.241	ug/l	93
23) Vinyl Acetate	3.78	43	577976	85.623	ug/l	96
24) 1,1-Dichloroethane	3.67	63	79765	18.325	ug/l	99
25) 2-Butanone	4.63	43	174924	83.635	ug/l	94
26) 2,2-Dichloropropane	4.54	77	72588	20.380	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	50991	18.255	ug/l	98
28) Bromochloromethane	4.97	49	34252	16.934	ug/l	# 12
29) Tetrahydrofuran	5.08	42	112790	83.473	ug/l	94
30) Chloroform	5.17	83	83569	19.055	ug/l	99
31) Cyclohexane	5.54	56	62765	16.028	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	77041	19.403	ug/l	98
36) 1,1-Dichloropropene	5.76	75	59542	18.765	ug/l	98
37) Ethyl Acetate	4.79	43	65649	17.233	ug/l	96
38) Carbon Tetrachloride	5.75	117	68368	20.503	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	66056	19.167	ug/l	96
40) Benzene	6.11	78	181313	19.188	ug/l	99
41) Methacrylonitrile	5.00	41	35316	16.878	ug/l	95
42) 1,2-Dichloroethane	6.16	62	67242	20.010	ug/l	98
43) Isopropyl Acetate	6.41	43	104164	17.530	ug/l	97
44) Trichloroethene	7.18	130	61518	20.520	ug/l	94
45) 1,2-Dichloropropane	7.49	63	46091	19.160	ug/l	99
46) Dibromomethane	7.63	93	32302	19.992	ug/l	95
47) Bromodichloromethane	7.87	83	68528	20.484	ug/l	98
48) Methyl methacrylate	7.74	41	49387	17.359	ug/l	95
49) 1,4-Dioxane	7.71	88	25654	385.299	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	335624	90.711	ug/l	99
52) Toluene	8.76	92	118884	19.952	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	76175	20.024	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	79960	19.858	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	48937	20.656	ug/l	93
56) Ethyl methacrylate	9.16	69	72712	18.845	ug/l	96
57) 1,3-Dichloropropane	9.35	76	81942	20.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	168598	83.716	ug/l	96
59) 2-Hexanone	9.47	43	256449	89.129	ug/l	98
60) Dibromochloromethane	9.57	129	56959	21.364	ug/l	99
61) 1,2-Dibromoethane	9.65	107	52626	20.744	ug/l	100
64) Tetrachloroethene	9.32	164	71464	20.371	ug/l	97
65) Chlorobenzene	10.12	112	126868	19.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51018	20.907	ug/l	99
67) Ethyl Benzene	10.23	91	219167	19.256	ug/l	97
68) m/p-Xylenes	10.34	106	168513	39.932	ug/l	98
69) o-Xylene	10.68	106	79757	19.516	ug/l	99
70) Styrene	10.70	104	141160	20.095	ug/l	98
71) Bromoform	10.84	173	44225	21.444	ug/l	100
73) Isopropylbenzene	11.00	105	217811	19.618	ug/l	100
74) N-amyl acetate	10.88	43	85162	16.676	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	54417	19.557	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	69984m	19.870	ug/l	
77) Bromobenzene	11.24	156	59312	20.368	ug/l	94
78) n-propylbenzene	11.34	91	239881	19.339	ug/l	98
79) 2-Chlorotoluene	11.40	91	146809	19.390	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	183519	19.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	25795	18.015	ug/l	96
82) 4-Chlorotoluene	11.49	91	174660	19.535	ug/l	100
83) tert-Butylbenzene	11.76	119	158388	19.996	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	187319	19.980	ug/l	100
85) sec-Butylbenzene	11.93	105	199587	20.086	ug/l	99
86) p-Isopropyltoluene	12.05	119	190297	20.444	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	97526	19.331	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	105661	20.478	ug/l	99
89) n-Butylbenzene	12.37	91	151840	19.585	ug/l	99
90) Hexachloroethane	12.58	117	33228	20.667	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	96659	19.776	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16691	18.519	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	67543	20.807	ug/l	100
94) Hexachlorobutadiene	13.76	225	32586	25.568	ug/l	98
95) Naphthalene	13.82	128	220685	19.831	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	69779	21.942	ug/l	97

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

