

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016114.D
 Acq On : 08 May 2020 12:30
 Operator : JC/SP
 Sample : VX0508WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBSD01

Quant Time: May 09 02:43:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	469236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184235	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
35) Dibromofluoromethane	5.46	113	141215	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	8.70	98	555172	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	11.12	95	212204	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	59301	19.115	ug/l 99
3) Chloromethane	1.31	50	65185	18.093	ug/l 97
4) Vinyl Chloride	1.39	62	69134	17.986	ug/l 100
5) Bromomethane	1.63	94	43803	22.604	ug/l 97
6) Chloroethane	1.71	64	42652	18.237	ug/l 98
7) Trichlorofluoromethane	1.92	101	90411	17.916	ug/l 100
8) Diethyl Ether	2.17	74	38298	18.012	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	55611	19.101	ug/l 100
10) Methyl Iodide	2.49	142	67729	17.319	ug/l 100
11) Tert butyl alcohol	3.01	59	90210	92.497	ug/l 99
12) 1,1-Dichloroethene	2.36	96	53909	17.694	ug/l 95
13) Acrolein	2.27	56	46189	75.683	ug/l 99
14) Allyl chloride	2.70	41	102183	18.292	ug/l 98
15) Acrylonitrile	3.11	53	189843	93.832	ug/l 99
16) Acetone	2.42	43	156332	90.845	ug/l 97
17) Carbon Disulfide	2.55	76	163190	17.702	ug/l 99
18) Methyl Acetate	2.75	43	81313	19.218	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	201222	19.159	ug/l 100
20) Methylene Chloride	2.83	84	64563	18.199	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	61656	18.160	ug/l 97
22) Diisopropyl ether	3.82	45	201314	19.102	ug/l 93
23) Vinyl Acetate	3.78	43	886916	95.656	ug/l 100
24) 1,1-Dichloroethane	3.67	63	111870	18.976	ug/l 99
25) 2-Butanone	4.63	43	261056	94.142	ug/l 98
26) 2,2-Dichloropropane	4.55	77	97907	18.185	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	69232	18.652	ug/l 97
28) Bromochloromethane	4.98	49	49220	18.309	ug/l 100
29) Tetrahydrofuran	5.09	42	173198	94.263	ug/l 100
30) Chloroform	5.18	83	111458	18.988	ug/l 97
31) Cyclohexane	5.54	56	100602	18.777	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	99187	18.590	ug/l 100
36) 1,1-Dichloropropene	5.77	75	84349	18.261	ug/l 98
37) Ethyl Acetate	4.79	43	100351	18.745	ug/l 99
38) Carbon Tetrachloride	5.76	117	87568	18.652	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	103924	18.683	ug/l	98
40) Benzene	6.11	78	254963	18.865	ug/l	99
41) Methacrylonitrile	5.00	41	54523	18.858	ug/l	99
42) 1,2-Dichloroethane	6.16	62	91702	18.836	ug/l	99
43) Isopropyl Acetate	6.41	43	160859	18.832	ug/l	99
44) Trichloroethene	7.19	130	91404	19.037	ug/l	95
45) 1,2-Dichloropropane	7.49	63	65599	19.183	ug/l	98
46) Dibromomethane	7.63	93	44149	18.997	ug/l	100
47) Bromodichloromethane	7.87	83	89963	19.007	ug/l	100
48) Methyl methacrylate	7.74	41	75035	18.539	ug/l	98
49) 1,4-Dioxane	7.71	88	36979	380.944	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	502749	96.182	ug/l	100
52) Toluene	8.76	92	159542	18.939	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	105667	18.724	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	110675	18.776	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	63519	19.165	ug/l	99
56) Ethyl methacrylate	9.16	69	103125	19.062	ug/l	98
57) 1,3-Dichloropropane	9.35	76	111636	19.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	263123	91.357	ug/l	100
59) 2-Hexanone	9.47	43	386022	94.039	ug/l	100
60) Dibromochloromethane	9.57	129	70580	19.336	ug/l	100
61) 1,2-Dibromoethane	9.65	107	68486	19.077	ug/l	98
64) Tetrachloroethene	9.32	164	100572	18.853	ug/l	96
65) Chlorobenzene	10.12	112	170147	18.700	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	63549	18.897	ug/l	99
67) Ethyl Benzene	10.23	91	303656	18.704	ug/l	97
68) m/p-Xylenes	10.34	106	230371	37.875	ug/l	99
69) o-Xylene	10.68	106	110571	18.912	ug/l	98
70) Styrene	10.70	104	185623	18.714	ug/l	99
71) Bromoform	10.84	173	50673	18.494	ug/l	99
73) Isopropylbenzene	11.00	105	295909	18.736	ug/l	100
74) N-amyl acetate	10.88	43	134858	18.306	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	51435	18.948	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	95614m	19.404	ug/l	
77) Bromobenzene	11.24	156	75468	18.512	ug/l	99
78) n-propylbenzene	11.34	91	343482	18.694	ug/l	100
79) 2-Chlorotoluene	11.40	91	202310	18.654	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	250212	18.763	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	37612	18.190	ug/l	99
82) 4-Chlorotoluene	11.49	91	239581	18.707	ug/l	100
83) tert-Butylbenzene	11.76	119	214468	18.662	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	256867	19.053	ug/l	98
85) sec-Butylbenzene	11.93	105	291563	18.790	ug/l	99
86) p-Isopropyltoluene	12.05	119	269052	18.676	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134094	18.319	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	136383	18.357	ug/l	99
89) n-Butylbenzene	12.37	91	239408	18.191	ug/l	99
90) Hexachloroethane	12.58	117	44687	18.062	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	131915	18.716	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22325	17.191	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	94507	18.111	ug/l	96
94) Hexachlorobutadiene	13.76	225	42087	19.058	ug/l	97
95) Naphthalene	13.82	128	307480	18.198	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	94186	18.469	ug/l	98

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

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