

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017150.D
 Acq On : 02 Jul 2020 15:54
 Operator : JC/SP
 Sample : VX0702WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD02

Quant Time: Jul 03 01:41:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	244266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	373400	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	350295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191790	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	140576	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
35) Dibromofluoromethane	5.47	113	115147	48.75	ug/l	0.00
Spiked Amount			Recovery	=	97.50%	
50) Toluene-d8	8.70	98	414781	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	11.12	95	162480	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	40711	17.228	ug/l	99
3) Chloromethane	1.31	50	39792	13.911	ug/l	95
4) Vinyl Chloride	1.39	62	42629	16.063	ug/l	98
5) Bromomethane	1.63	94	21278	15.175	ug/l	96
6) Chloroethane	1.72	64	26426	16.859	ug/l	95
7) Trichlorofluoromethane	1.92	101	73963	18.844	ug/l	100
8) Diethyl Ether	2.17	74	24375	18.687	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40967	17.414	ug/l	96
10) Methyl Iodide	2.49	142	23503	7.743	ug/l	98
11) Tert butyl alcohol	3.01	59	50748	88.339	ug/l	97
12) 1,1-Dichloroethene	2.36	96	41023	16.975	ug/l	99
13) Acrolein	2.28	56	21652	63.051	ug/l	97
14) Allyl chloride	2.71	41	73182	16.386	ug/l	99
15) Acrylonitrile	3.12	53	121128	87.710	ug/l	99
16) Acetone	2.42	43	102516	91.004	ug/l	95
17) Carbon Disulfide	2.55	76	116101	17.231	ug/l	100
18) Methyl Acetate	2.75	43	53451	18.176	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	143781	17.727	ug/l	98
20) Methylene Chloride	2.84	84	48351	18.217	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	46871	17.477	ug/l	96
22) Diisopropyl ether	3.82	45	145829	17.642	ug/l	94
23) Vinyl Acetate	3.79	43	639879	90.083	ug/l	99
24) 1,1-Dichloroethane	3.67	63	81553	17.339	ug/l	100
25) 2-Butanone	4.64	43	164510	87.643	ug/l	100
26) 2,2-Dichloropropane	4.55	77	70958	16.991	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	51451	16.932	ug/l	98
28) Bromochloromethane	4.98	49	40403	17.653	ug/l	98
29) Tetrahydrofuran	5.09	42	105991	85.463	ug/l	98
30) Chloroform	5.18	83	86888	18.021	ug/l	97
31) Cyclohexane	5.54	56	66497	16.356	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	80305	18.085	ug/l	100
36) 1,1-Dichloropropene	5.78	75	63065	17.870	ug/l	99
37) Ethyl Acetate	4.80	43	64237	17.940	ug/l	99
38) Carbon Tetrachloride	5.76	117	73599	18.935	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	68600	17.471	ug/l	98
40) Benzene	6.11	78	184934	17.835	ug/l	99
41) Methacrylonitrile	5.00	41	36548	18.136	ug/l	99
42) 1,2-Dichloroethane	6.17	62	69529	18.564	ug/l	100
43) Isopropyl Acetate	6.42	43	105574	17.744	ug/l	99
44) Trichloroethene	7.19	130	54238	18.762	ug/l	99
45) 1,2-Dichloropropane	7.49	63	46629	17.509	ug/l	99
46) Dibromomethane	7.64	93	33566	18.461	ug/l	96
47) Bromodichloromethane	7.88	83	69710	18.604	ug/l	95
48) Methyl methacrylate	7.74	41	50694	17.933	ug/l	96
49) 1,4-Dioxane	7.71	88	19651	306.852	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	332725	93.811	ug/l	99
52) Toluene	8.76	92	116961	18.067	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	75227	18.196	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	79081	17.844	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	49003	18.526	ug/l	98
56) Ethyl methacrylate	9.16	69	69201	18.381	ug/l	98
57) 1,3-Dichloropropane	9.35	76	80460	17.977	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	185625	99.070	ug/l	98
59) 2-Hexanone	9.47	43	246803	95.278	ug/l	99
60) Dibromochloromethane	9.56	129	57088	18.583	ug/l	100
61) 1,2-Dibromoethane	9.65	107	52614	18.506	ug/l	98
64) Tetrachloroethene	9.32	164	49302	17.439	ug/l	95
65) Chlorobenzene	10.12	112	130290	18.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	51006	18.306	ug/l	98
67) Ethyl Benzene	10.23	91	219578	18.186	ug/l	100
68) m/p-Xylenes	10.34	106	170824	36.847	ug/l	98
69) o-Xylene	10.68	106	80190	18.183	ug/l	99
70) Styrene	10.70	104	140647	18.728	ug/l	98
71) Bromoform	10.84	173	43590	19.728	ug/l #	99
73) Isopropylbenzene	11.00	105	216732	17.252	ug/l	99
74) N-amyl acetate	10.88	43	90523	16.888	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	71325	18.050	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	68701m	18.216	ug/l	
77) Bromobenzene	11.24	156	61785	17.895	ug/l	98
78) n-propylbenzene	11.34	91	247690	17.436	ug/l	100
79) 2-Chlorotoluene	11.40	91	152374	17.723	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	184351	17.692	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	23733	16.296	ug/l	93
82) 4-Chlorotoluene	11.49	91	183728	17.876	ug/l	99
83) tert-Butylbenzene	11.76	119	182416	17.833	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	191665	18.131	ug/l	99
85) sec-Butylbenzene	11.93	105	204645	17.020	ug/l	100
86) p-Isopropyltoluene	12.05	119	194308	17.359	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	106393	16.967	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	109792	18.445	ug/l	98
89) n-Butylbenzene	12.37	91	159997	16.008	ug/l	100
90) Hexachloroethane	12.58	117	36761	16.654	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	104053	17.752	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	16232	17.219	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	67262	16.813	ug/l	98
94) Hexachlorobutadiene	13.77	225	24310	16.585	ug/l	99
95) Naphthalene	13.82	128	212105	17.439	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	68807	17.772	ug/l	98

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

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