

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017149.D
 Acq On : 02 Jul 2020 15:32
 Operator : JC/SP
 Sample : VX0702WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBS02

Quant Time: Jul 03 01:35:29 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	5.63	168	244065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	374238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	348792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183167	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	144447	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
35) Dibromofluoromethane	5.47	113	118981	50.26	ug/l	0.00
Spiked Amount			Recovery	=	100.52%	
50) Toluene-d8	8.70	98	426905	48.77	ug/l	0.00
Spiked Amount			Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.12	95	163604	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	43814	18.556	ug/l	98
3) Chloromethane	1.32	50	45730	16.000	ug/l	98
4) Vinyl Chloride	1.39	62	44720	16.864	ug/l	98
5) Bromomethane	1.63	94	17867	12.753	ug/l	96
6) Chloroethane	1.72	64	29026	18.533	ug/l	99
7) Trichlorofluoromethane	1.92	101	77407	19.737	ug/l	99
8) Diethyl Ether	2.17	74	26546	20.335	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42535	18.096	ug/l	95
10) Methyl Iodide	2.49	142	16504	5.441	ug/l	98
11) Tert butyl alcohol	3.01	59	52392	91.276	ug/l	99
12) 1,1-Dichloroethene	2.36	96	41400	17.145	ug/l	95
13) Acrolein	2.28	56	21073	61.415	ug/l	98
14) Allyl chloride	2.71	41	77377	17.339	ug/l	97
15) Acrylonitrile	3.12	53	125542	90.982	ug/l	98
16) Acetone	2.42	43	110037	97.761	ug/l	97
17) Carbon Disulfide	2.55	76	123935	18.407	ug/l	99
18) Methyl Acetate	2.75	43	55502	18.889	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	155335	19.167	ug/l	96
20) Methylene Chloride	2.84	84	51671	19.539	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	48836	18.225	ug/l	95
22) Diisopropyl ether	3.82	45	154349	18.688	ug/l	95
23) Vinyl Acetate	3.79	43	676659	95.340	ug/l	99
24) 1,1-Dichloroethane	3.67	63	86053	18.311	ug/l	99
25) 2-Butanone	4.64	43	171723	91.561	ug/l	99
26) 2,2-Dichloropropane	4.55	77	74911	17.952	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	55398	18.246	ug/l	98
28) Bromochloromethane	4.98	49	40450	17.688	ug/l	100
29) Tetrahydrofuran	5.09	42	113717	91.768	ug/l	100
30) Chloroform	5.17	83	90855	18.859	ug/l	99
31) Cyclohexane	5.55	56	72138	17.758	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	84059	18.946	ug/l	98
36) 1,1-Dichloropropene	5.77	75	66512	18.805	ug/l	100
37) Ethyl Acetate	4.80	43	69074	19.248	ug/l	99
38) Carbon Tetrachloride	5.76	117	78046	20.034	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	69866	17.753	ug/l	97
40) Benzene	6.12	78	195560	18.818	ug/l	96
41) Methacrylonitrile	5.01	41	39045	19.331	ug/l	98
42) 1,2-Dichloroethane	6.17	62	74630	19.881	ug/l	99
43) Isopropyl Acetate	6.41	43	114099	19.133	ug/l	99
44) Trichloroethene	7.19	130	56735	19.596	ug/l	95
45) 1,2-Dichloropropane	7.49	63	50421	18.890	ug/l	97
46) Dibromomethane	7.63	93	36232	19.882	ug/l	96
47) Bromodichloromethane	7.88	83	74368	19.803	ug/l	97
48) Methyl methacrylate	7.74	41	55424	19.563	ug/l	98
49) 1,4-Dioxane	7.71	88	20214	314.937	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	351134	98.779	ug/l	99
52) Toluene	8.76	92	126029	19.424	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	78473	18.939	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	85475	19.243	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	52733	19.892	ug/l	97
56) Ethyl methacrylate	9.16	69	72271	19.154	ug/l	98
57) 1,3-Dichloropropane	9.35	76	86226	19.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	180576	96.160	ug/l	99
59) 2-Hexanone	9.47	43	262465	101.098	ug/l	98
60) Dibromochloromethane	9.56	129	61785	20.067	ug/l	98
61) 1,2-Dibromoethane	9.65	107	55638	19.526	ug/l	100
64) Tetrachloroethene	9.32	164	49947	17.743	ug/l	95
65) Chlorobenzene	10.12	112	136858	19.011	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	53596	19.318	ug/l	99
67) Ethyl Benzene	10.23	91	229975	19.129	ug/l	99
68) m/p-Xylenes	10.34	106	181622	39.345	ug/l	99
69) o-Xylene	10.68	106	83553	19.027	ug/l	99
70) Styrene	10.70	104	148011	19.793	ug/l	99
71) Bromoform	10.84	173	46863	21.301	ug/l #	99
73) Isopropylbenzene	11.00	105	230553	19.217	ug/l	99
74) N-amyl acetate	10.88	43	96991	18.946	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	74607	19.769	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	70947m	19.697	ug/l	
77) Bromobenzene	11.24	156	62823	19.052	ug/l	98
78) n-propylbenzene	11.34	91	261270	19.257	ug/l	100
79) 2-Chlorotoluene	11.40	91	157462	19.177	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	191845	19.278	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	25588	18.397	ug/l	95
82) 4-Chlorotoluene	11.49	91	189521	19.308	ug/l	99
83) tert-Butylbenzene	11.76	119	189865	19.435	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	199702	19.780	ug/l	99
85) sec-Butylbenzene	11.93	105	210854	18.362	ug/l	99
86) p-Isopropyltoluene	12.05	119	199309	18.644	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	115343	19.260	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	115828	20.396	ug/l	98
89) n-Butylbenzene	12.37	91	165884	17.379	ug/l	99
90) Hexachloroethane	12.58	117	38095	18.071	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	108084	19.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17027	18.913	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	71085	18.605	ug/l	99
94) Hexachlorobutadiene	13.76	225	25895	18.400	ug/l	95
95) Naphthalene	13.82	128	226126	19.467	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	68337	18.481	ug/l	94

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

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