

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071020\
 Data File : VX017331.D
 Acq On : 10 Jul 2020 13:29
 Operator : JC/SP
 Sample : VX0710WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Quant Time: Jul 11 01:18:43 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	298865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227340	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	162679	44.15	ug/l	0.00
Spiked Amount			Recovery	=	88.30%	
35) Dibromofluoromethane	5.47	113	132153	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
50) Toluene-d8	8.70	98	477091	45.57	ug/l	0.00
Spiked Amount			Recovery	=	91.14%	
62) 4-Bromofluorobenzene	11.12	95	186661	45.61	ug/l	0.00
Spiked Amount			Recovery	=	91.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	45531	15.747	ug/l	99
3) Chloromethane	1.32	50	49413	14.119	ug/l	97
4) Vinyl Chloride	1.39	62	52261	16.094	ug/l	100
5) Bromomethane	1.63	94	36086	21.034	ug/l	99
6) Chloroethane	1.72	64	34260	17.864	ug/l	97
7) Trichlorofluoromethane	1.92	101	92680	19.299	ug/l	96
8) Diethyl Ether	2.17	74	31426	19.672	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50789	17.645	ug/l	98
10) Methyl Iodide	2.49	142	57332	15.437	ug/l	99
11) Tert butyl alcohol	3.01	59	65404	93.052	ug/l	98
12) 1,1-Dichloroethene	2.36	96	47682	16.126	ug/l	96
13) Acrolein	2.27	56	21969	52.287	ug/l	99
14) Allyl chloride	2.71	41	89629	16.402	ug/l	97
15) Acrylonitrile	3.12	53	151779	89.827	ug/l	98
16) Acetone	2.42	43	124398	90.255	ug/l	99
17) Carbon Disulfide	2.55	76	130448	15.825	ug/l	99
18) Methyl Acetate	2.75	43	69798	19.399	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	184615	18.603	ug/l	96
20) Methylene Chloride	2.84	84	59879	18.449	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	58424	17.805	ug/l	97
22) Diisopropyl ether	3.82	45	183234	18.117	ug/l	97
23) Vinyl Acetate	3.79	43	786723	90.522	ug/l	100
24) 1,1-Dichloroethane	3.67	63	103220	17.937	ug/l	98
25) 2-Butanone	4.64	43	206159	89.767	ug/l	99
26) 2,2-Dichloropropane	4.55	77	96031	18.794	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	66400	17.859	ug/l	97
28) Bromochloromethane	4.98	49	44712	15.966	ug/l	98
29) Tetrahydrofuran	5.09	42	134659	88.742	ug/l	98
30) Chloroform	5.18	83	109864	18.624	ug/l	98
31) Cyclohexane	5.55	56	81473	16.379	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	101380	18.660	ug/l	98
36) 1,1-Dichloropropene	5.78	75	76579	18.105	ug/l	97
37) Ethyl Acetate	4.79	43	79502	18.525	ug/l	96
38) Carbon Tetrachloride	5.76	117	93001	19.963	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	79535	16.900	ug/l	98
40) Benzene	6.12	78	229208	18.443	ug/l	99
41) Methacrylonitrile	5.00	41	44729	18.518	ug/l	98
42) 1,2-Dichloroethane	6.16	62	89782	20.000	ug/l	99
43) Isopropyl Acetate	6.42	43	133043	18.656	ug/l	99
44) Trichloroethene	7.19	130	67612	19.527	ug/l	97
45) 1,2-Dichloropropane	7.49	63	60513	18.958	ug/l	97
46) Dibromomethane	7.64	93	42244	19.385	ug/l	96
47) Bromodichloromethane	7.88	83	88389	19.681	ug/l	98
48) Methyl methacrylate	7.74	41	63966	18.880	ug/l	97
49) 1,4-Dioxane	7.71	88	26012	338.895	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	419722	98.736	ug/l	100
52) Toluene	8.76	92	148670	19.161	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	95433	19.260	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	102841	19.361	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62130	19.598	ug/l	97
56) Ethyl methacrylate	9.16	69	87413	19.373	ug/l	98
57) 1,3-Dichloropropane	9.35	76	103397	19.275	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	202138	90.012	ug/l	100
59) 2-Hexanone	9.47	43	313684	101.038	ug/l	98
60) Dibromochloromethane	9.56	129	75304	20.452	ug/l	100
61) 1,2-Dibromoethane	9.65	107	66709	19.577	ug/l	100
64) Tetrachloroethene	9.32	164	69133	20.360	ug/l	95
65) Chlorobenzene	10.12	112	164454	18.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	68255	20.395	ug/l	100
67) Ethyl Benzene	10.24	91	275864	19.023	ug/l	98
68) m/p-Xylenes	10.34	106	216973	38.966	ug/l	99
69) o-Xylene	10.68	106	101181	19.101	ug/l	100
70) Styrene	10.70	104	181252	20.094	ug/l	100
71) Bromoform	10.84	173	56597	21.326	ug/l #	99
73) Isopropylbenzene	11.00	105	279981	18.802	ug/l	100
74) N-amyl acetate	10.88	43	112925	17.773	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	88475	18.888	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	87890m	19.660	ug/l	
77) Bromobenzene	11.24	156	77015	18.818	ug/l	97
78) n-propylbenzene	11.34	91	315192	18.718	ug/l	99
79) 2-Chlorotoluene	11.40	91	194223	19.058	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	239615	19.399	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	30920	17.911	ug/l	94
82) 4-Chlorotoluene	11.49	91	232023	19.045	ug/l	99
83) tert-Butylbenzene	11.76	119	229804	18.953	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	245094	19.559	ug/l	99
85) sec-Butylbenzene	11.93	105	269537	18.911	ug/l	99
86) p-Isopropyltoluene	12.05	119	257278	19.391	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	140450	18.895	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	142672	20.240	ug/l	99
89) n-Butylbenzene	12.37	91	212775	17.960	ug/l	99
90) Hexachloroethane	12.58	117	49429	18.891	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	137676	19.815	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20811	18.624	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	89344	18.840	ug/l	98
94) Hexachlorobutadiene	13.76	225	37335	21.238	ug/l	97
95) Naphthalene	13.82	128	274902	19.068	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	88635	19.313	ug/l	100

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

