

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
 Data File : VX017193.D
 Acq On : 07 Jul 2020 11:08
 Operator : JC/SP
 Sample : VX0707WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:28 AM

Quant Time: Jul 07 15:27:15 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	5.62	168	313584	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	455509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232723	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	174352	45.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.20%	
35) Dibromofluoromethane	5.46	113	143521	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.70	98	516028	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.12	95	193258	46.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	54080	17.826	ug/l	96
3) Chloromethane	1.31	50	53776	14.644	ug/l	99
4) Vinyl Chloride	1.39	62	53075	15.578	ug/l	99
5) Bromomethane	1.63	94	36754	20.418	ug/l	98
6) Chloroethane	1.71	64	34822	17.305	ug/l	96
7) Trichlorofluoromethane	1.92	101	97568	19.363	ug/l	99
8) Diethyl Ether	2.17	74	31920	19.055	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52169	17.274	ug/l	96
10) Methyl Iodide	2.49	142	58526	15.018	ug/l	100
11) Tert butyl alcohol	3.01	59	61663	83.612	ug/l	96
12) 1,1-Dichloroethene	2.36	96	48542	15.646	ug/l	94
13) Acrolein	2.27	56	38566	87.479	ug/l	97
14) Allyl chloride	2.70	41	91739	16.000	ug/l	97
15) Acrylonitrile	3.11	53	146346	82.546	ug/l	99
16) Acetone	2.42	43	121037	83.694	ug/l	98
17) Carbon Disulfide	2.55	76	144964	16.759	ug/l	97
18) Methyl Acetate	2.75	43	66822	17.700	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	187959	18.051	ug/l	98
20) Methylene Chloride	2.83	84	63399	18.624	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	60573	17.593	ug/l	97
22) Diisopropyl ether	3.82	45	185202	17.452	ug/l	92
23) Vinyl Acetate	3.78	43	795409	87.226	ug/l	100
24) 1,1-Dichloroethane	3.67	63	104529	17.311	ug/l	99
25) 2-Butanone	4.63	43	194917	80.888	ug/l	99
26) 2,2-Dichloropropane	4.55	77	99171	18.497	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	66029	16.926	ug/l	99
28) Bromochloromethane	4.98	49	46228	15.733	ug/l	96
29) Tetrahydrofuran	5.09	42	125873	79.059	ug/l	98
30) Chloroform	5.17	83	111513	18.016	ug/l	100
31) Cyclohexane	5.54	56	85588	16.399	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	104646	18.357	ug/l	99
36) 1,1-Dichloropropene	5.76	75	82280	19.112	ug/l	99
37) Ethyl Acetate	4.79	43	76768	17.575	ug/l	99
38) Carbon Tetrachloride	5.75	117	95825	20.209	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	89762	18.740	ug/l	97
40) Benzene	6.11	78	239150	18.906	ug/l	99
41) Methacrylonitrile	5.00	41	43052	17.512	ug/l	99
42) 1,2-Dichloroethane	6.16	62	91211	19.963	ug/l	100
43) Isopropyl Acetate	6.41	43	126567	17.437	ug/l	99
44) Trichloroethene	7.18	130	70010	19.871	ug/l	99
45) 1,2-Dichloropropane	7.49	63	60970	18.767	ug/l	100
46) Dibromomethane	7.63	93	43440	19.585	ug/l	96
47) Bromodichloromethane	7.87	83	89867	19.660	ug/l	98
48) Methyl methacrylate	7.74	41	60946	17.674	ug/l	95
49) 1,4-Dioxane	7.71	88	28015	358.602	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	391599	90.508	ug/l	100
52) Toluene	8.76	92	151702	19.209	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	96443	19.123	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	102375	18.936	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	63830	19.782	ug/l	98
56) Ethyl methacrylate	9.16	69	85140	18.539	ug/l	98
57) 1,3-Dichloropropane	9.35	76	102391	18.754	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	210135	91.935	ug/l	99
59) 2-Hexanone	9.47	43	289263	91.541	ug/l	99
60) Dibromochloromethane	9.56	129	75035	20.022	ug/l	98
61) 1,2-Dibromoethane	9.65	107	66670	19.223	ug/l	98
64) Tetrachloroethene	9.32	164	70909	20.691	ug/l	98
65) Chlorobenzene	10.12	112	167291	19.089	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	67947	20.117	ug/l	98
67) Ethyl Benzene	10.23	91	280700	19.179	ug/l	100
68) m/p-Xylenes	10.34	106	217770	38.751	ug/l	98
69) o-Xylene	10.68	106	102811	19.231	ug/l	99
70) Styrene	10.70	104	179816	19.752	ug/l	99
71) Bromoform	10.84	173	55038	20.549	ug/l #	100
73) Isopropylbenzene	11.00	105	284049	18.634	ug/l	100
74) N-amyl acetate	10.88	43	108468	16.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	84998	17.726	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	83592m	18.266	ug/l	
77) Bromobenzene	11.24	156	77181	18.422	ug/l	97
78) n-propylbenzene	11.34	91	319673	18.545	ug/l	99
79) 2-Chlorotoluene	11.40	91	195319	18.722	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	248329	19.640	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	29598	16.749	ug/l	91
82) 4-Chlorotoluene	11.49	91	235836	18.910	ug/l	99
83) tert-Butylbenzene	11.76	119	232079	18.698	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	244002	19.022	ug/l	99
85) sec-Butylbenzene	11.93	105	269901	18.499	ug/l	100
86) p-Isopropyltoluene	12.05	119	259997	19.142	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	142991	18.792	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	143869	19.934	ug/l	99
89) n-Butylbenzene	12.37	91	211884	17.471	ug/l	99
90) Hexachloroethane	12.58	117	48707	18.185	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	135044	18.987	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19405	16.964	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	88944	18.322	ug/l	98
94) Hexachlorobutadiene	13.77	225	34662	19.340	ug/l	99
95) Naphthalene	13.82	128	258981	17.548	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	84697	18.028	ug/l	97

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

