

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051520\
 Data File : VX016293.D
 Acq On : 15 May 2020 19:59
 Operator : JC/SP
 Sample : L2649-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0685MSD

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 12:52:53 PM

Quant Time: May 16 08:22:06 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	218402	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	377715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	349169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	145625	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	5.47	113	118272	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	8.70	98	452723	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
62) 4-Bromofluorobenzene	11.12	95	172752	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	119437	51.666	ug/l	100
3) Chloromethane	1.31	50	132218	49.249	ug/l	100
4) Vinyl Chloride	1.39	62	273670	95.546	ug/l	100
5) Bromomethane	1.62	94	37338	25.857	ug/l	97
6) Chloroethane	1.70	64	90188	51.750	ug/l	98
7) Trichlorofluoromethane	1.91	101	190331	50.615	ug/l	99
8) Diethyl Ether	2.17	74	82110	51.824	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	98816	45.548	ug/l	97
10) Methyl Iodide	2.49	142	76716	26.325	ug/l	99
11) Tert butyl alcohol	3.02	59	202528	278.677	ug/l	100
12) 1,1-Dichloroethene	2.36	96	115124	50.709	ug/l	98
13) Acrolein	2.27	56	169628	372.994	ug/l	99
14) Allyl chloride	2.70	41	201103	48.310	ug/l #	91
15) Acrylonitrile	3.12	53	414256	274.771	ug/l	99
16) Acetone	2.42	43	342430	267.038	ug/l	96
17) Carbon Disulfide	2.55	76	327082	47.966	ug/l	100
18) Methyl Acetate	2.75	43	161943	51.363	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	433802	55.428	ug/l	99
20) Methylene Chloride	2.83	84	134625	50.927	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	133531	52.780	ug/l	98
22) Diisopropyl ether	3.83	45	411619	52.414	ug/l #	87
23) Vinyl Acetate	3.79	43	1630213	235.950	ug/l	98
24) 1,1-Dichloroethane	3.67	63	236579	53.853	ug/l	98
25) 2-Butanone	4.64	43	575660	278.588	ug/l	97
26) 2,2-Dichloropropane	4.55	77	168546	42.011	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	209572	75.771	ug/l	93
28) Bromochloromethane	4.98	49	107666	53.748	ug/l	96
29) Tetrahydrofuran	5.09	42	375513	274.264	ug/l	96
30) Chloroform	5.18	83	239554	54.767	ug/l	100
31) Cyclohexane	5.55	56	181754	45.524	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	212047	53.333	ug/l	98
36) 1,1-Dichloropropene	5.78	75	175252	47.135	ug/l	100
37) Ethyl Acetate	4.79	43	193548	44.913	ug/l	98
38) Carbon Tetrachloride	5.76	117	184838	48.910	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	150756	33.669	ug/l	97
40) Benzene	6.12	78	548404	50.410	ug/l	99
41) Methacrylonitrile	5.01	41	115727	49.727	ug/l	98
42) 1,2-Dichloroethane	6.17	62	190782	48.682	ug/l	99
43) Isopropyl Acetate	6.42	43	320536	46.618	ug/l	98
44) Trichloroethene	7.19	130	164459	42.552	ug/l	97
45) 1,2-Dichloropropane	7.49	63	142050	51.603	ug/l	99
46) Dibromomethane	7.64	93	94925	50.744	ug/l	99
47) Bromodichloromethane	7.88	83	198896	52.205	ug/l	98
48) Methyl methacrylate	7.74	41	161227	49.486	ug/l	93
49) 1,4-Dioxane	7.71	88	82567	1056.671	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1103689	262.312	ug/l	97
52) Toluene	8.77	92	344191	50.758	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	221869	48.842	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	232749	49.054	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	143209	53.679	ug/l	99
56) Ethyl methacrylate	9.16	69	233325	53.578	ug/l	93
57) 1,3-Dichloropropane	9.35	76	242061	51.998	ug/l	100
59) 2-Hexanone	9.48	43	865183	261.837	ug/l	96
60) Dibromochloromethane	9.57	129	160109	54.490	ug/l	100
61) 1,2-Dibromoethane	9.65	107	151666	52.483	ug/l	100
64) Tetrachloroethene	9.32	164	154312	36.000	ug/l	95
65) Chlorobenzene	10.12	112	364960	49.918	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	143370	53.055	ug/l	99
67) Ethyl Benzene	10.24	91	641226	49.155	ug/l	99
68) m/p-Xylenes	10.34	106	478086	97.818	ug/l	99
69) o-Xylene	10.68	106	234128	49.835	ug/l	99
70) Styrene	10.70	104	415366	52.115	ug/l	100
71) Bromoform	10.84	173	121513	55.192	ug/l #	97
73) Isopropylbenzene	11.01	105	588194	47.329	ug/l	99
74) N-amyl acetate	10.88	43	269647	46.517	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	196072	75.581	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	204269m	52.683	ug/l	
77) Bromobenzene	11.24	156	161957	50.489	ug/l	99
78) n-propylbenzene	11.34	91	658527	45.549	ug/l	100
79) 2-Chlorotoluene	11.40	91	419749	49.186	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	482754	46.007	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	77549	47.663	ug/l	96
82) 4-Chlorotoluene	11.49	91	493304	48.951	ug/l	100
83) tert-Butylbenzene	11.76	119	422121	46.680	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	494390	46.604	ug/l	100
85) sec-Butylbenzene	11.93	105	484009	39.642	ug/l	99
86) p-Isopropyltoluene	12.05	119	447183	39.448	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	267148	46.382	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	274139	46.894	ug/l	98
89) n-Butylbenzene	12.37	91	361276	34.886	ug/l	100
90) Hexachloroethane	12.58	117	80600	41.400	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	264785	47.743	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54595	53.426	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	162352	39.540	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	48694	27.776	ug/l	99
95) Naphthalene	13.82	128	639300	48.084	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	161937	40.354	ug/l	99

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

