

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041520\
 Data File : VX015677.D
 Acq On : 15 Apr 2020 12:59
 Operator : JC/SP
 Sample : VX0415WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:03:55 AM

Quant Time: Apr 16 06:25:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	1050401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1540795	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1421612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	762496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	681192	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	5.47	113	520999	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
50) Toluene-d8	8.70	98	1930279	53.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.46%	
62) 4-Bromofluorobenzene	11.12	95	769533	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	147458	15.934	ug/l	100
3) Chloromethane	1.31	50	179353	15.219	ug/l	98
4) Vinyl Chloride	1.39	62	184982	17.094	ug/l	99
5) Bromomethane	1.63	94	129917	21.422	ug/l	98
6) Chloroethane	1.71	64	116720	17.391	ug/l	97
7) Trichlorofluoromethane	1.92	101	257326	17.731	ug/l	96
8) Diethyl Ether	2.17	74	110850	18.109	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	175732	18.575	ug/l	95
10) Methyl Iodide	2.49	142	165818	13.000	ug/l	98
11) Tert butyl alcohol	3.01	59	260919	73.581	ug/l	99
12) 1,1-Dichloroethene	2.36	96	167880	16.929	ug/l	96
13) Acrolein	2.27	56	167147	82.748	ug/l	99
14) Allyl chloride	2.70	41	369516	15.947	ug/l	97
15) Acrylonitrile	3.12	53	566327	83.746	ug/l	100
16) Acetone	2.42	43	510355	80.184	ug/l	99
17) Carbon Disulfide	2.55	76	446512	14.760	ug/l	100
18) Methyl Acetate	2.75	43	280130	17.244	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	665960	17.315	ug/l	99
20) Methylene Chloride	2.83	84	196190	16.503	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	184038	16.722	ug/l	98
22) Diisopropyl ether	3.83	45	715453	17.425	ug/l	92
23) Vinyl Acetate	3.78	43	3192442	85.874	ug/l	99
24) 1,1-Dichloroethane	3.67	63	358584	16.587	ug/l	99
25) 2-Butanone	4.64	43	822805	80.384	ug/l	99
26) 2,2-Dichloropropane	4.55	77	323370	18.223	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	220985	17.355	ug/l	100
28) Bromochloromethane	4.98	49	180319	17.470	ug/l	97
29) Tetrahydrofuran	5.09	42	529349	80.444	ug/l	99
30) Chloroform	5.18	83	359078	17.264	ug/l	99
31) Cyclohexane	5.55	56	327431	17.459	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	318999	16.947	ug/l	99
36) 1,1-Dichloropropene	5.77	75	267535	18.845	ug/l	99
37) Ethyl Acetate	4.79	43	321710	17.404	ug/l	99
38) Carbon Tetrachloride	5.75	117	283305	18.424	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	319298	19.506	ug/l	98
40) Benzene	6.11	78	782719	18.822	ug/l	97
41) Methacrylonitrile	5.01	41	183887	17.920	ug/l	98
42) 1,2-Dichloroethane	6.16	62	311770	18.664	ug/l	98
43) Isopropyl Acetate	6.41	43	554743	17.778	ug/l	100
44) Trichloroethene	7.18	130	222082	19.581	ug/l	94
45) 1,2-Dichloropropane	7.49	63	209666	18.430	ug/l	98
46) Dibromomethane	7.64	93	142649	19.115	ug/l	96
47) Bromodichloromethane	7.87	83	296139	18.624	ug/l	95
48) Methyl methacrylate	7.75	41	276784	17.758	ug/l	98
49) 1,4-Dioxane	7.72	88	104906	360.793	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1633522	92.371	ug/l	100
52) Toluene	8.76	92	501850	19.574	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	327916	17.583	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	350308	18.440	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	206116	19.622	ug/l	97
56) Ethyl methacrylate	9.16	69	331862	17.926	ug/l	98
57) 1,3-Dichloropropane	9.36	76	356494	18.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	795942	88.393	ug/l	99
59) 2-Hexanone	9.47	43	1225673	91.801	ug/l	99
60) Dibromochloromethane	9.56	129	238923	18.929	ug/l	99
61) 1,2-Dibromoethane	9.65	107	215442	18.862	ug/l	99
64) Tetrachloroethene	9.32	164	206657	19.262	ug/l	95
65) Chlorobenzene	10.12	112	554483	19.558	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	214716	18.957	ug/l	98
67) Ethyl Benzene	10.23	91	962296	19.137	ug/l	99
68) m/p-Xylenes	10.34	106	719940	38.450	ug/l	99
69) o-Xylene	10.68	106	359681	19.440	ug/l	98
70) Styrene	10.70	104	623948	19.164	ug/l	99
71) Bromoform	10.84	173	180665	17.522	ug/l #	96
73) Isopropylbenzene	11.00	105	985196	19.720	ug/l	99
74) N-amyl acetate	10.88	43	465562	16.755	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	311407	18.165	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	288408m	18.393	ug/l	
77) Bromobenzene	11.24	156	269653	20.235	ug/l	91
78) n-propylbenzene	11.34	91	1096036	19.186	ug/l	99
79) 2-Chlorotoluene	11.40	91	661464	18.891	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	835293	19.577	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	106312	16.268	ug/l	99
82) 4-Chlorotoluene	11.49	91	782307	19.058	ug/l	99
83) tert-Butylbenzene	11.76	119	816615	19.594	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	838577	19.286	ug/l	99
85) sec-Butylbenzene	11.93	105	947771	19.663	ug/l	99
86) p-Isopropyltoluene	12.05	119	894042	19.980	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	458990	19.239	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	471912	19.420	ug/l	99
89) n-Butylbenzene	12.37	91	799568	19.773	ug/l	100
90) Hexachloroethane	12.58	117	149190	17.130	ug/l	89
91) 1,2-Dichlorobenzene	12.37	146	460999	19.746	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	72244	14.931	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	363133	19.664	ug/l	99
94) Hexachlorobutadiene	13.76	225	166619	18.950	ug/l	96
95) Naphthalene	13.82	128	1044329	18.539	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	356200	20.033	ug/l	98

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

