

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020519\
 Data File : VX007373.D
 Acq On : 05 Feb 2019 13:38
 Operator : JC/SP
 Sample : VX0205WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/6/2019 9:29:53 AM

Quant Time: Feb 06 00:59:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	441153	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	658125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	613637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	314894	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	240113	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
35) Dibromofluoromethane	5.50	113	213751	49.92	ug/l	0.00
Spiked Amount			Recovery	=	99.84%	
50) Toluene-d8	8.71	98	815537	51.33	ug/l	0.00
Spiked Amount			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.13	95	284949	49.12	ug/l	0.00
Spiked Amount			Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	109973	20.392	ug/l	96
3) Chloromethane	1.32	50	101088	20.344	ug/l	98
4) Vinyl Chloride	1.41	62	102057	20.936	ug/l	100
5) Bromomethane	1.64	94	100217	20.502	ug/l	96
6) Chloroethane	1.70	64	76310	24.199	ug/l	98
7) Trichlorofluoromethane	1.92	101	154218	20.223	ug/l	95
8) Diethyl Ether	2.19	74	59122	20.599	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88310	19.469	ug/l	99
10) Methyl Iodide	2.51	142	130110	19.499	ug/l	99
11) Tert butyl alcohol	3.09	59	98863	102.021	ug/l	97
12) 1,1-Dichloroethene	2.37	96	81543	19.359	ug/l	98
13) Acrolein	2.30	56	49388	108.686	ug/l	99
14) Allyl chloride	2.73	41	137950	20.100	ug/l	98
15) Acrylonitrile	3.15	53	251728	105.009	ug/l	99
16) Acetone	2.45	43	211435	98.575	ug/l	99
17) Carbon Disulfide	2.57	76	192170	18.828	ug/l	97
18) Methyl Acetate	2.78	43	134617	24.395	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	278779	20.429	ug/l	99
20) Methylene Chloride	2.85	84	94946	21.447	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	87437	19.487	ug/l	97
22) Diisopropyl ether	3.87	45	253702	20.096	ug/l	98
23) Vinyl Acetate	3.82	43	1007763	96.198	ug/l	99
24) 1,1-Dichloroethane	3.70	63	142732	19.688	ug/l	99
25) 2-Butanone	4.70	43	311249	101.966	ug/l	99
26) 2,2-Dichloropropane	4.59	77	98035	17.756	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	92290	18.831	ug/l	99
28) Bromochloromethane	5.02	49	64769	19.427	ug/l	95
29) Tetrahydrofuran	5.15	42	205782	107.189	ug/l	100
30) Chloroform	5.21	83	148511	19.631	ug/l	99
31) Cyclohexane	5.57	56	124893	19.181	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	127211	19.921	ug/l	97
36) 1,1-Dichloropropene	5.80	75	109036	18.465	ug/l	99
37) Ethyl Acetate	4.86	43	118164	19.796	ug/l	99
38) Carbon Tetrachloride	5.78	117	106861	18.654	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135208	18.925	ug/l	99
40) Benzene	6.14	78	344438	19.802	ug/l	96
41) Methacrylonitrile	5.06	41	65942	20.612	ug/l	98
42) 1,2-Dichloroethane	6.20	62	115632	19.213	ug/l	98
43) Isopropyl Acetate	6.46	43	182425	19.800	ug/l	99
44) Trichloroethene	7.21	130	100575	19.198	ug/l	99
45) 1,2-Dichloropropane	7.51	63	82407	18.909	ug/l	97
46) Dibromomethane	7.66	93	59397	18.752	ug/l	98
47) Bromodichloromethane	7.90	83	101582	18.923	ug/l	98
48) Methyl methacrylate	7.77	41	94729	20.555	ug/l	99
49) 1,4-Dioxane	7.75	88	41880	403.721	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	614695	101.346	ug/l	99
52) Toluene	8.79	92	221312	19.720	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	108991	18.901	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	122384	19.300	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	94125	20.121	ug/l	97
56) Ethyl methacrylate	9.18	69	128431	19.822	ug/l	100
57) 1,3-Dichloropropane	9.37	76	147058	19.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	343869	100.692	ug/l	98
59) 2-Hexanone	9.49	43	465651	98.659	ug/l	100
60) Dibromochloromethane	9.58	129	86500	19.551	ug/l	97
61) 1,2-Dibromoethane	9.67	107	98587	19.900	ug/l	98
64) Tetrachloroethene	9.34	164	115414	19.955	ug/l	96
65) Chlorobenzene	10.13	112	253040	18.897	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	87031	19.385	ug/l	99
67) Ethyl Benzene	10.25	91	420534	19.502	ug/l	98
68) m/p-Xylenes	10.36	106	330743	38.584	ug/l	99
69) o-Xylene	10.70	106	158863	19.260	ug/l	98
70) Styrene	10.71	104	256930	19.207	ug/l	99
71) Bromoform	10.86	173	61920	18.487	ug/l	100
73) Isopropylbenzene	11.02	105	426500	19.931	ug/l	98
74) N-amyl acetate	10.90	43	163765	19.786	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	127064	19.484	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	123200m	20.114	ug/l	
77) Bromobenzene	11.26	156	117266	19.450	ug/l	100
78) n-propylbenzene	11.36	91	469950	20.028	ug/l	99
79) 2-Chlorotoluene	11.42	91	280085	19.672	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	348379	19.900	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	30868	18.488	ug/l	91
82) 4-Chlorotoluene	11.51	91	321554	19.518	ug/l	99
83) tert-Butylbenzene	11.77	119	332107	19.161	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	362122	20.374	ug/l	99
85) sec-Butylbenzene	11.94	105	420053	20.023	ug/l	99
86) p-Isopropyltoluene	12.06	119	372302	19.660	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204591	18.908	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	201824	18.385	ug/l	99
89) n-Butylbenzene	12.39	91	304469	18.690	ug/l	99
90) Hexachloroethane	12.60	117	54332	19.170	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	206221	19.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26796	19.761	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	137734	18.966	ug/l	100
94) Hexachlorobutadiene	13.78	225	64878	18.398	ug/l	100
95) Naphthalene	13.83	128	435601	20.512	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	139220	19.045	ug/l	99

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

