

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008375.D
 Acq On : 24 Mar 2019 01:09
 Operator : JC/SP
 Sample : K1900-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190313MSD

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:09:05 AM

Quant Time: Mar 25 09:25:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	204331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	359650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153648	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	146253	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
35) Dibromofluoromethane	5.50	113	108383	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
50) Toluene-d8	8.71	98	436386	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.13	95	161011	47.58	ug/l	0.00
Spiked Amount			Recovery	=	95.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	107687	46.555	ug/l	99
3) Chloromethane	1.32	50	155939	45.477	ug/l	99
4) Vinyl Chloride	1.40	62	153448	45.850	ug/l	100
5) Bromomethane	1.64	94	95874	45.492	ug/l	100
6) Chloroethane	1.71	64	91951	46.912	ug/l	99
7) Trichlorofluoromethane	1.92	101	172870	45.421	ug/l	98
8) Diethyl Ether	2.18	74	82244	45.131	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	101211	44.891	ug/l	89
10) Methyl Iodide	2.51	142	137508	48.073	ug/l	98
11) Tert butyl alcohol	3.06	59	173287	249.636	ug/l	100
12) 1,1-Dichloroethene	2.37	96	107479	46.182	ug/l	89
13) Acrolein	2.29	56	132166	222.811	ug/l	99
14) Allyl chloride	2.73	41	234207	45.490	ug/l	95
15) Acrylonitrile	3.14	53	417669	234.958	ug/l	99
16) Acetone	2.45	43	357116	229.254	ug/l	97
17) Carbon Disulfide	2.57	76	328449	44.136	ug/l	100
18) Methyl Acetate	2.78	43	163961	42.051	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	397534	47.427	ug/l	98
20) Methylene Chloride	2.85	84	127701	45.538	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	114298	45.356	ug/l	90
22) Diisopropyl ether	3.85	45	473152	47.200	ug/l #	87
23) Vinyl Acetate	3.81	43	1940045	219.197	ug/l	97
24) 1,1-Dichloroethane	3.70	63	237360	46.441	ug/l	99
25) 2-Butanone	4.67	43	608398	237.194	ug/l	96
26) 2,2-Dichloropropane	4.58	77	121935	37.030	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	131349	45.508	ug/l	92
28) Bromochloromethane	5.02	49	121004	47.426	ug/l #	78
29) Tetrahydrofuran	5.13	42	402594	236.387	ug/l	95
30) Chloroform	5.21	83	213957	46.432	ug/l	99
31) Cyclohexane	5.58	56	226092	46.132	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	173327	47.544	ug/l	96
36) 1,1-Dichloropropene	5.80	75	167938	45.696	ug/l	96
37) Ethyl Acetate	4.83	43	213029	42.830	ug/l	98
38) Carbon Tetrachloride	5.79	117	143539	45.563	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	202633	44.983	ug/l	93
40) Benzene	6.14	78	512990	45.835	ug/l	100
41) Methacrylonitrile	5.04	41	130100	47.989	ug/l	97
42) 1,2-Dichloroethane	6.19	62	183943	45.288	ug/l	95
43) Isopropyl Acetate	6.45	43	349925	45.180	ug/l	97
44) Trichloroethene	7.21	130	115690	44.512	ug/l	90
45) 1,2-Dichloropropane	7.51	63	144815	45.705	ug/l	100
46) Dibromomethane	7.66	93	83898	44.618	ug/l #	84
47) Bromodichloromethane	7.90	83	166312	46.370	ug/l	99
48) Methyl methacrylate	7.77	41	185983	47.588	ug/l	93
49) 1,4-Dioxane	7.74	88	75199	953.679	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1220257	240.128	ug/l	97
52) Toluene	8.79	92	308469	47.003	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	179902	46.653	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	200625	45.888	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	123723	45.386	ug/l	95
56) Ethyl methacrylate	9.18	69	234489	48.588	ug/l	92
57) 1,3-Dichloropropane	9.37	76	222771	45.872	ug/l	100
59) 2-Hexanone	9.49	43	963894	247.089	ug/l	96
60) Dibromochloromethane	9.58	129	121861	48.160	ug/l	99
61) 1,2-Dibromoethane	9.67	107	128793	46.553	ug/l	99
64) Tetrachloroethene	9.33	164	95413	45.339	ug/l	95
65) Chlorobenzene	10.14	112	311792	46.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	110783	47.333	ug/l	97
67) Ethyl Benzene	10.25	91	591763	46.826	ug/l	97
68) m/p-Xylenes	10.36	106	428998	94.481	ug/l	92
69) o-Xylene	10.70	106	208097	46.869	ug/l	93
70) Stvrene	10.71	104	368114	47.807	ug/l	96
71) Bromoform	10.85	173	87655	48.617	ug/l #	100
73) Isopropylbenzene	11.02	105	549523	45.319	ug/l	98
74) N-amyl acetate	10.90	43	320090	45.088	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	220616	45.677	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	210246m	52.278	ug/l	
77) Bromobenzene	11.26	156	130676	45.546	ug/l	80
78) n-propylbenzene	11.36	91	655878	46.150	ug/l	95
79) 2-Chlorotoluene	11.42	91	389580	45.002	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	471433	45.703	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	62400	44.216	ug/l	91
82) 4-Chlorotoluene	11.51	91	450719	45.185	ug/l	94
83) tert-Butylbenzene	11.77	119	456818	46.507	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	474023	46.050	ug/l	97
85) sec-Butylbenzene	11.94	105	537725	45.677	ug/l	95
86) p-Isopropyltoluene	12.06	119	479403	46.201	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	234207	45.451	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	236631	45.131	ug/l	97
89) n-Butylbenzene	12.38	91	452698	45.699	ug/l	97
90) Hexachloroethane	12.60	117	78200	45.624	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	240931	46.165	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49737	48.316	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	160810	45.694	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	74687	44.906	ug/l	99
95) Naphthalene	13.83	128	573942	46.441	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	162661	45.804	ug/l	99

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

