

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008227.D
 Acq On : 20 Mar 2019 07:21
 Operator : JC/SP
 Sample : K1882-10MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304D-20190312MSD

Manual Integrations
 APPROVED

MMDadoda
 3/20/2019 10:27:48 AM

Quant Time: Mar 20 09:19:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	290409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	489251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197952	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207641	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
35) Dibromofluoromethane	5.50	113	156235	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
50) Toluene-d8	8.71	98	586941	47.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.54%	
62) 4-Bromofluorobenzene	11.13	95	207224	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	177882	50.521	ug/l	100
3) Chloromethane	1.33	50	204189	46.217	ug/l	98
4) Vinyl Chloride	1.41	62	213597	48.490	ug/l	100
5) Bromomethane	1.64	94	180078	47.992	ug/l	99
6) Chloroethane	1.72	64	131701	47.685	ug/l	100
7) Trichlorofluoromethane	1.93	101	266821	47.464	ug/l	97
8) Diethyl Ether	2.19	74	152851	52.848	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	183537	49.174	ug/l	91
10) Methyl Iodide	2.51	142	254645	53.583	ug/l	97
11) Tert butyl alcohol	3.05	59	243173	259.710	ug/l	100
12) 1,1-Dichloroethene	2.37	96	185558	52.660	ug/l	92
13) Acrolein	2.29	56	127516	190.948	ug/l	100
14) Allyl chloride	2.73	41	386403	50.375	ug/l	94
15) Acrylonitrile	3.15	53	640873	258.772	ug/l	99
16) Acetone	2.45	43	563414	227.122	ug/l	96
17) Carbon Disulfide	2.57	76	561072	48.797	ug/l	100
18) Methyl Acetate	2.78	43	247527	43.101	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	669617	52.558	ug/l	98
20) Methylene Chloride	2.86	84	208518	50.409	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	195707	51.412	ug/l	96
22) Diisopropyl ether	3.86	45	781709	52.034	ug/l	93
23) Vinyl Acetate	3.82	43	2631177	204.285	ug/l	98
24) 1,1-Dichloroethane	3.70	63	406838	52.654	ug/l	99
25) 2-Butanone	4.68	43	923879	252.301	ug/l	99
26) 2,2-Dichloropropane	4.59	77	198761	34.147	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	224460	51.724	ug/l	96
28) Bromochloromethane	5.02	49	162428	46.815	ug/l	83
29) Tetrahydrofuran	5.13	42	615068	268.693	ug/l	97
30) Chloroform	5.21	83	379452	52.501	ug/l	100
31) Cyclohexane	5.58	56	375542	51.759	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	318327	52.946	ug/l	96
36) 1,1-Dichloropropene	5.81	75	291400	51.157	ug/l	96
37) Ethyl Acetate	4.84	43	281903	41.866	ug/l	99
38) Carbon Tetrachloride	5.79	117	265188	52.251	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	334982	48.869	ug/l	93
40) Benzene	6.15	78	876797	52.006	ug/l	99
41) Methacrylonitrile	5.05	41	201840	53.439	ug/l	97
42) 1,2-Dichloroethane	6.20	62	314742	50.961	ug/l	96
43) Isopropyl Acetate	6.45	43	498085	46.149	ug/l	97
44) Trichloroethene	7.21	130	212919	51.650	ug/l	92
45) 1,2-Dichloropropane	7.51	63	241724	51.217	ug/l	99
46) Dibromomethane	7.66	93	144781	50.666	ug/l	88
47) Bromodichloromethane	7.90	83	286583	52.624	ug/l	99
48) Methyl methacrylate	7.77	41	299095	52.118	ug/l	93
49) 1,4-Dioxane	7.74	88	103681	1023.803	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	1829346	262.175	ug/l	98
52) Toluene	8.79	92	513541	51.343	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	307662	45.250	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	334820	49.539	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	212709	52.636	ug/l	98
56) Ethyl methacrylate	9.18	69	347157	48.986	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	372495	52.105	ug/l	100
59) 2-Hexanone	9.49	43	1380445	256.976	ug/l	96
60) Dibromochloromethane	9.59	129	210537	54.210	ug/l	99
61) 1,2-Dibromoethane	9.67	107	220673	52.297	ug/l	98
64) Tetrachloroethene	9.34	164	198531	51.274	ug/l	95
65) Chlorobenzene	10.14	112	538525	50.995	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	197436	53.623	ug/l	99
67) Ethyl Benzene	10.25	91	969218	52.082	ug/l	98
68) m/p-Xylenes	10.36	106	713403	104.360	ug/l	94
69) o-Xylene	10.70	106	347632	52.334	ug/l	95
70) Styrene	10.71	104	576246	53.380	ug/l	96
71) Bromoform	10.85	173	153799	48.547	ug/l #	100
73) Isopropylbenzene	11.02	105	924907	52.419	ug/l	98
74) N-amyl acetate	10.90	43	376799	40.759	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	321605	50.831	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	277873m	49.909	ug/l	
77) Bromobenzene	11.26	156	222079	52.056	ug/l	86
78) n-propylbenzene	11.36	91	1075687	52.489	ug/l	96
79) 2-Chlorotoluene	11.42	91	630220	51.236	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	761766	52.257	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	92012	42.356	ug/l	94
82) 4-Chlorotoluene	11.51	91	738188	51.573	ug/l	95
83) tert-Butylbenzene	11.77	119	726105	52.173	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	779945	52.777	ug/l	97
85) sec-Butylbenzene	11.94	105	904748	52.495	ug/l	96
86) p-Isopropyltoluene	12.06	119	773233	51.830	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	389670	51.110	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	391863	49.690	ug/l	98
89) n-Butylbenzene	12.38	91	703864	50.268	ug/l	97
90) Hexachloroethane	12.60	117	135057	53.156	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	393364	51.170	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72511	51.599	ug/l	80
93) 1,2,4-Trichlorobenzene	13.65	180	256252	50.607	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	121014	49.002	ug/l	99
95) Naphthalene	13.83	128	858746	53.733	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260963	52.377	ug/l	99

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

