

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021119\
 Data File : VX007474.D
 Acq On : 11 Feb 2019 17:59
 Operator : JC/SP
 Sample : K1433-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW020-190207MSD

Manual Integrations
 APPROVED

MMDadoda
 2/12/2019 12:15:57 PM

Quant Time: Feb 12 02:03:02 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	5.67	168	506716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	753548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	685974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	353339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	257042	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	5.51	113	238576	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	8.71	98	870285	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	327201	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	289167	46.452	ug/l	98
3) Chloromethane	1.33	50	243078	42.590	ug/l	98
4) Vinyl Chloride	1.41	62	276744	49.426	ug/l	100
5) Bromomethane	1.64	94	197294	35.494	ug/l	100
6) Chloroethane	1.72	64	191969	53.000	ug/l	98
7) Trichlorofluoromethane	1.93	101	440829	50.329	ug/l	99
8) Diethyl Ether	2.19	74	164341	49.849	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	247720	47.546	ug/l	99
10) Methyl Iodide	2.51	142	295071	38.499	ug/l	99
11) Tert butyl alcohol	3.07	59	363368	326.459	ug/l	99
12) 1,1-Dichloroethene	2.38	96	232485	48.053	ug/l	99
13) Acrolein	2.29	56	133902	256.545	ug/l	97
14) Allyl chloride	2.73	41	406261	51.536	ug/l	99
15) Acrylonitrile	3.15	53	726504	263.849	ug/l	99
16) Acetone	2.45	43	629298	255.429	ug/l	99
17) Carbon Disulfide	2.57	76	609478	48.253	ug/l	99
18) Methyl Acetate	2.78	43	345950	53.847	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	1710735	109.144	ug/l	99
20) Methylene Chloride	2.86	84	258620	51.403	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	243191	47.187	ug/l	98
22) Diisopropyl ether	3.87	45	733923	50.614	ug/l	97
23) Vinyl Acetate	3.82	43	2849237	236.789	ug/l	100
24) 1,1-Dichloroethane	3.70	63	404564	48.583	ug/l	99
25) 2-Butanone	4.70	43	896903	255.810	ug/l	99
26) 2,2-Dichloropropane	4.59	77	283967	44.778	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	271411	48.215	ug/l	98
28) Bromochloromethane	5.02	49	183069	47.806	ug/l	100
29) Tetrahydrofuran	5.15	42	587879	266.598	ug/l	99
30) Chloroform	5.21	83	442015	50.868	ug/l	98
31) Cyclohexane	5.58	56	607773	81.264	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	373994	50.989	ug/l	99
36) 1,1-Dichloropropene	5.80	75	305215	45.143	ug/l	99
37) Ethyl Acetate	4.85	43	316625	46.326	ug/l	99
38) Carbon Tetrachloride	5.78	117	332064	50.624	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	965740	118.057	ug/l	96
40) Benzene	6.14	78	989643	49.690	ug/l	98
41) Methacrylonitrile	5.06	41	193408	52.800	ug/l	99
42) 1,2-Dichloroethane	6.20	62	325505	47.237	ug/l	93
43) Isopropyl Acetate	6.46	43	562808	53.350	ug/l	98
44) Trichloroethene	7.21	130	275789	45.978	ug/l	97
45) 1,2-Dichloropropane	7.52	63	253505	50.802	ug/l	96
46) Dibromomethane	7.66	93	173984	47.972	ug/l	94
47) Bromodichloromethane	7.90	83	313384	50.985	ug/l	98
48) Methyl methacrylate	7.77	41	276792	52.455	ug/l	99
49) 1,4-Dioxane	7.75	88	108104	901.523	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1836715	264.476	ug/l	100
52) Toluene	8.79	92	633580	49.307	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	350799	53.132	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	375170	51.672	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	252041	47.055	ug/l	99
56) Ethyl methacrylate	9.18	69	429662	57.917	ug/l	92
57) 1,3-Dichloropropane	9.37	76	414095	48.613	ug/l	99
59) 2-Hexanone	9.49	43	1367697	253.083	ug/l	100
60) Dibromochloromethane	9.59	129	278019	54.881	ug/l	99
61) 1,2-Dibromoethane	9.67	107	281368	49.603	ug/l	97
64) Tetrachloroethene	9.34	164	253083	39.144	ug/l	98
65) Chlorobenzene	10.14	112	712869	47.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	263726	52.548	ug/l	99
67) Ethyl Benzene	10.25	91	1379521	57.227	ug/l	99
68) m/p-Xylenes	10.36	106	1017001	106.131	ug/l	99
69) o-Xylene	10.70	106	462636	50.173	ug/l	99
70) Styrene	10.71	104	747700	50.000	ug/l	100
71) Bromoform	10.86	173	218026	49.569	ug/l	100
73) Isopropylbenzene	11.02	105	5762893	240.008	ug/l	98
74) N-amyl acetate	10.90	43	464075	49.969	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	385677	52.705	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	357705m	52.046	ug/l	
77) Bromobenzene	11.26	156	330800	48.896	ug/l	98
78) n-propylbenzene	11.36	91	4784933	181.730	ug/l	99
79) 2-Chlorotoluene	11.42	91	801205	50.149	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1069856	54.462	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	108553	48.919	ug/l	97
82) 4-Chlorotoluene	11.51	91	940225	50.860	ug/l	99
83) tert-Butylbenzene	11.77	119	1165586	59.931	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1173812	58.857	ug/l	100
85) sec-Butylbenzene	11.94	105	1558187	66.195	ug/l	91
86) p-Isopropyltoluene	12.06	119	1111054	52.288	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	579795	47.753	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	578595	46.971	ug/l	100
89) n-Butylbenzene	12.39	91	1119629	61.252	ug/l	91
90) Hexachloroethane	12.60	117	182900m	57.513	ug/l	
91) 1,2-Dichlorobenzene	12.39	146	584095	48.340	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	89522	58.835	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	419004	51.420	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	198943	50.279	ug/l	99
95) Naphthalene	13.83	128	1548755	64.994	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	409038	49.868	ug/l	97

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

