

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071019\
 Data File : VX010786.D
 Acq On : 10 Jul 2019 18:43
 Operator : JC/SP
 Sample : K3732-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030LC068-SW-190709MSD

Manual Integrations
 APPROVED

MMDadoda
 7/11/2019 10:54:11 AM

Quant Time: Jul 11 03:12:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190372	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	288007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	96841	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
35) Dibromofluoromethane	5.50	113	91856	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	8.71	98	335693	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	11.13	95	127951	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	82355	62.224	ug/l	100
3) Chloromethane	1.32	50	84648	54.925	ug/l	100
4) Vinyl Chloride	1.41	62	93895	55.624	ug/l	100
5) Bromomethane	1.64	94	50900	61.894	ug/l	96
6) Chloroethane	1.71	64	61045	61.296	ug/l	96
7) Trichlorofluoromethane	1.92	101	163099	60.950	ug/l	99
8) Diethyl Ether	2.19	74	57270	59.679	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91184	56.230	ug/l	98
10) Methyl Iodide	2.51	142	128023	55.318	ug/l	97
11) Tert butyl alcohol	3.05	59	107412	229.976	ug/l	98
12) 1,1-Dichloroethene	2.37	96	93202	56.482	ug/l	99
13) Acrolein	2.29	56	71451	230.611	ug/l	100
14) Allyl chloride	2.73	41	131890	56.299	ug/l	97
15) Acrylonitrile	3.14	53	266200	287.871	ug/l	100
16) Acetone	2.45	43	211000	235.873	ug/l	97
17) Carbon Disulfide	2.57	76	220370	49.779	ug/l	99
18) Methyl Acetate	2.78	43	95003	53.286	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	293446	56.529	ug/l	99
20) Methylene Chloride	2.85	84	102581	55.722	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97100	54.713	ug/l	98
22) Diisopropyl ether	3.85	45	281519	57.476	ug/l	98
23) Vinyl Acetate	3.81	43	1155741	273.138	ug/l	98
24) 1,1-Dichloroethane	3.70	63	159818	56.449	ug/l	99
25) 2-Butanone	4.67	43	355060	270.585	ug/l	99
26) 2,2-Dichloropropane	4.58	77	114414	46.520	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113146	55.171	ug/l	100
28) Bromochloromethane	5.01	49	68722	50.768	ug/l	95
29) Tetrahydrofuran	5.13	42	231377	284.673	ug/l	99
30) Chloroform	5.21	83	172307	56.564	ug/l	95
31) Cyclohexane	5.58	56	145475	56.425	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	150608	55.992	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125978	55.044	ug/l	98
37) Ethyl Acetate	4.83	43	125919	53.481	ug/l	99
38) Carbon Tetrachloride	5.79	117	132655	53.526	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	158043	52.534	ug/l	98
40) Benzene	6.14	78	393152	55.138	ug/l	100
41) Methacrylonitrile	5.04	41	74789	57.892	ug/l	96
42) 1,2-Dichloroethane	6.20	62	130828	60.277	ug/l	97
43) Isopropyl Acetate	6.45	43	207525	53.274	ug/l	98
44) Trichloroethene	7.21	130	114240	53.544	ug/l	93
45) 1,2-Dichloropropane	7.51	63	99293	55.145	ug/l	98
46) Dibromomethane	7.66	93	72312	55.974	ug/l	95
47) Bromodichloromethane	7.90	83	129520	54.707	ug/l	100
48) Methyl methacrylate	7.77	41	104642	57.792	ug/l	98
49) 1,4-Dioxane	7.74	88	50542	968.971	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	727373	291.956	ug/l	98
52) Toluene	8.78	92	256350	54.594	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138540	52.194	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151829	52.636	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	107724	55.627	ug/l	98
56) Ethyl methacrylate	9.18	69	161751	55.137	ug/l	95
57) 1,3-Dichloropropane	9.37	76	167753	55.804	ug/l	100
59) 2-Hexanone	9.49	43	570507	290.955	ug/l	98
60) Dibromochloromethane	9.58	129	116378	53.673	ug/l	99
61) 1,2-Dibromoethane	9.67	107	115721	55.362	ug/l	99
64) Tetrachloroethene	9.34	164	107067	49.378	ug/l	98
65) Chlorobenzene	10.13	112	290170	53.315	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	105096	53.013	ug/l	99
67) Ethyl Benzene	10.25	91	502447	54.684	ug/l	99
68) m/p-Xylenes	10.36	106	391071	109.846	ug/l	99
69) o-Xylene	10.69	106	189783	54.206	ug/l	99
70) Styrene	10.71	104	327413	55.763	ug/l	98
71) Bromoform	10.85	173	87011	50.471	ug/l	100
73) Isopropylbenzene	11.02	105	506695	51.328	ug/l	98
74) N-amyl acetate	10.90	43	190651	51.103	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	172185	52.668	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138090m	52.037	ug/l	
77) Bromobenzene	11.26	156	139579	50.637	ug/l	98
78) n-propylbenzene	11.36	91	572722	52.788	ug/l	98
79) 2-Chlorotoluene	11.42	91	336316	52.057	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	428289	52.628	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	49174	43.230	ug/l	90
82) 4-Chlorotoluene	11.51	91	395141	53.750	ug/l	99
83) tert-Butylbenzene	11.77	119	423337	51.829	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	437022	53.451	ug/l	99
85) sec-Butylbenzene	11.94	105	501879	52.332	ug/l	100
86) p-Isopropyltoluene	12.06	119	467257	52.674	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	249141	51.780	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	248301	50.690	ug/l	99
89) n-Butylbenzene	12.38	91	400183	53.089	ug/l	99
90) Hexachloroethane	12.60	117	72415	47.211	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	249052	52.080	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35560	50.450	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	164639	49.645	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	79078	48.790	ug/l	100
95) Naphthalene	13.83	128	517183	50.748	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	170091	51.586	ug/l	98

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

