

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050719\
 Data File : VX009386.D
 Acq On : 07 May 2019 18:52
 Operator : JC/SP
 Sample : K2721-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-190506MSD

Manual Integrations
 APPROVED

MMDadoda
 5/8/2019 10:40:39 AM

Quant Time: May 08 03:21:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 08:24:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	157959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253548	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114615	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
35) Dibromofluoromethane	5.50	113	84183	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	8.71	98	338833	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
62) 4-Bromofluorobenzene	11.13	95	126268	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62749	43.108	ug/l	99
3) Chloromethane	1.32	50	73979	37.226	ug/l	100
4) Vinyl Chloride	1.40	62	84048	43.372	ug/l	96
5) Bromomethane	1.64	94	32542	27.978	ug/l	97
6) Chloroethane	1.71	64	72648	58.390	ug/l	100
7) Trichlorofluoromethane	1.92	101	109918	46.663	ug/l	100
8) Diethyl Ether	2.19	74	52706	47.236	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	68258	46.144	ug/l	98
10) Methyl Iodide	2.50	142	39367	25.395	ug/l	100
11) Tert butyl alcohol	3.06	59	138504	277.487	ug/l	100
12) 1,1-Dichloroethene	2.37	96	68784	46.409	ug/l	95
13) Acrolein	2.29	56	89710	198.458	ug/l	98
14) Allyl chloride	2.72	41	166375	46.063	ug/l	99
15) Acrylonitrile	3.15	53	312812	256.313	ug/l	100
16) Acetone	2.45	43	270019	233.204	ug/l	98
17) Carbon Disulfide	2.56	76	177923	42.758	ug/l	100
18) Methyl Acetate	2.78	43	142741	51.837	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	281996	48.997	ug/l	99
20) Methylene Chloride	2.85	84	85395	45.550	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	73879	45.963	ug/l	98
22) Diisopropyl ether	3.86	45	334226	48.117	ug/l	95
23) Vinyl Acetate	3.82	43	1498479	251.928	ug/l	100
24) 1,1-Dichloroethane	3.70	63	159581	46.571	ug/l	99
25) 2-Butanone	4.68	43	467995	260.101	ug/l	99
26) 2,2-Dichloropropane	4.59	77	106460	41.740	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	89950	46.884	ug/l	99
28) Bromochloromethane	5.02	49	66357	47.997	ug/l	100
29) Tetrahydrofuran	5.13	42	309606	267.401	ug/l	99
30) Chloroform	5.21	83	149449	48.223	ug/l	99
31) Cyclohexane	5.58	56	142988	44.852	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	122001	47.289	ug/l	99
36) 1,1-Dichloropropene	5.80	75	107443	45.599	ug/l	99
37) Ethyl Acetate	4.84	43	169046	51.492	ug/l	99
38) Carbon Tetrachloride	5.79	117	101846	47.574	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	131366	45.397	ug/l	99
40) Benzene	6.15	78	341785	46.870	ug/l	99
41) Methacrylonitrile	5.05	41	96711	49.488	ug/l	98
42) 1,2-Dichloroethane	6.20	62	125898	48.129	ug/l	100
43) Isopropyl Acetate	6.45	43	268774	51.183	ug/l	100
44) Trichloroethene	7.21	130	81286	46.109	ug/l	98
45) 1,2-Dichloropropane	7.51	63	99949	48.405	ug/l	99
46) Dibromomethane	7.66	93	56775	47.349	ug/l	97
47) Bromodichloromethane	7.90	83	118173	49.407	ug/l	97
48) Methyl methacrylate	7.77	41	133632	51.293	ug/l	100
49) 1,4-Dioxane	7.74	88	53151	1005.984	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	924495	269.348	ug/l	99
52) Toluene	8.79	92	210794	47.554	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	133372	49.389	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	145081	48.539	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	88243	48.795	ug/l	95
56) Ethyl methacrylate	9.18	69	164537	50.969	ug/l	100
57) 1,3-Dichloropropane	9.37	76	153904	48.361	ug/l	99
59) 2-Hexanone	9.49	43	734252	272.377	ug/l	100
60) Dibromochloromethane	9.58	129	88837	50.296	ug/l	99
61) 1,2-Dibromoethane	9.67	107	90702	49.686	ug/l	99
64) Tetrachloroethene	9.34	164	68230	42.897	ug/l	99
65) Chlorobenzene	10.14	112	386749	83.378	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	81315	48.354	ug/l	100
67) Ethyl Benzene	10.25	91	404478	47.382	ug/l	100
68) m/p-Xylenes	10.36	106	299111	95.883	ug/l	100
69) o-Xylene	10.69	106	147004	47.761	ug/l	100
70) Styrene	10.71	104	261878	48.953	ug/l	99
71) Bromoform	10.85	173	70265	51.416	ug/l #	99
73) Isopropylbenzene	11.02	105	391331	45.943	ug/l	100
74) N-amyl acetate	10.90	43	250325	50.408	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	159374	50.191	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	132514m	48.771	ug/l	
77) Bromobenzene	11.26	156	99799	47.205	ug/l	97
78) n-propylbenzene	11.36	91	449224	46.179	ug/l	99
79) 2-Chlorotoluene	11.42	91	271976	45.317	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	333935	46.561	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49466	46.581	ug/l	99
82) 4-Chlorotoluene	11.51	91	314101	46.327	ug/l	100
83) tert-Butylbenzene	11.77	119	335028	48.019	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	335074	46.545	ug/l	100
85) sec-Butylbenzene	11.94	105	383145	46.320	ug/l	100
86) p-Isopropyltoluene	12.06	119	350296	47.107	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	210469	55.844	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	275686	72.554	ug/l	99
89) n-Butylbenzene	12.38	91	319477	47.533	ug/l	100
90) Hexachloroethane	12.60	117	59299	46.807	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	729611	190.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37915	53.228	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	132372	50.426	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	63859	47.637	ug/l	99
95) Naphthalene	13.83	128	443692	51.951	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134250	50.452	ug/l	100

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

