

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071519\
 Data File : VX010895.D
 Acq On : 15 Jul 2019 19:21
 Operator : JC/SP
 Sample : K3791-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0600MS

Manual Integrations
 APPROVED

MMDadoda
 7/16/2019 10:47:57 AM

Quant Time: Jul 16 03:58:09 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	5.66	168	262219	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	399226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	367393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	193349	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113741	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.49	113	106953	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
50) Toluene-d8	8.71	98	383304	41.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.04%	
62) 4-Bromofluorobenzene	11.13	95	149739	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85174	46.721	ug/l	99
3) Chloromethane	1.32	50	90872	42.808	ug/l	98
4) Vinyl Chloride	1.41	62	98650	42.428	ug/l	99
5) Bromomethane	1.64	94	49634	43.817	ug/l	98
6) Chloroethane	1.71	64	62025	45.215	ug/l	95
7) Trichlorofluoromethane	1.92	101	173876	47.174	ug/l	100
8) Diethyl Ether	2.19	74	61508	46.534	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	99694	44.633	ug/l	99
10) Methyl Iodide	2.51	142	132692	41.626	ug/l	96
11) Tert butyl alcohol	3.05	59	134276	208.722	ug/l	99
12) 1,1-Dichloroethene	2.37	96	99018	43.565	ug/l	98
13) Acrolein	2.29	56	107460	251.801	ug/l	98
14) Allyl chloride	2.73	41	149037	46.187	ug/l	97
15) Acrylonitrile	3.14	53	299179	234.887	ug/l	99
16) Acetone	2.45	43	243087	197.286	ug/l	96
17) Carbon Disulfide	2.57	76	232940	38.201	ug/l	99
18) Methyl Acetate	2.78	43	107204	43.654	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	337323	47.177	ug/l	99
20) Methylene Chloride	2.85	84	115734	45.642	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	107564	44.003	ug/l	98
22) Diisopropyl ether	3.85	45	318751	47.247	ug/l	94
23) Vinyl Acetate	3.81	43	1295195	222.227	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183141	46.963	ug/l	98
25) 2-Butanone	4.67	43	401305	222.032	ug/l	100
26) 2,2-Dichloropropane	4.58	77	130215	38.438	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	126021	44.612	ug/l	98
28) Bromochloromethane	5.01	49	79426	42.598	ug/l	92
29) Tetrahydrofuran	5.13	42	261161	233.278	ug/l	99
30) Chloroform	5.21	83	197511	47.072	ug/l	98
31) Cyclohexane	5.57	56	157201	44.266	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	172096	46.450	ug/l	99
36) 1,1-Dichloropropene	5.80	75	140022	44.137	ug/l	98
37) Ethyl Acetate	4.83	43	141935	43.489	ug/l	98
38) Carbon Tetrachloride	5.78	117	150074	43.685	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171296	41.077	ug/l	97
40) Benzene	6.14	78	434967	44.008	ug/l	100
41) Methacrylonitrile	5.04	41	84992	47.462	ug/l	98
42) 1,2-Dichloroethane	6.19	62	150943	50.170	ug/l	96
43) Isopropyl Acetate	6.45	43	242139	44.843	ug/l	97
44) Trichloroethene	7.21	130	126468	42.762	ug/l	98
45) 1,2-Dichloropropane	7.51	63	113086	45.308	ug/l	99
46) Dibromomethane	7.66	93	81186	45.336	ug/l	96
47) Bromodichloromethane	7.90	83	149596	45.584	ug/l	98
48) Methyl methacrylate	7.77	41	122295	48.725	ug/l	97
49) 1,4-Dioxane	7.74	88	64731	895.272	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	834049	241.510	ug/l	98
52) Toluene	8.78	92	285666	43.889	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	158440	43.062	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171648	42.929	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	122911	45.788	ug/l	99
56) Ethyl methacrylate	9.18	69	187528	46.116	ug/l	94
57) 1,3-Dichloropropane	9.37	76	192369	46.165	ug/l	100
59) 2-Hexanone	9.49	43	638448	234.896	ug/l	98
60) Dibromochloromethane	9.58	129	132855	44.202	ug/l	100
61) 1,2-Dibromoethane	9.67	107	129204	44.592	ug/l	100
64) Tetrachloroethene	9.34	164	117152	39.424	ug/l	98
65) Chlorobenzene	10.13	112	325066	43.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121541	44.736	ug/l	99
67) Ethyl Benzene	10.25	91	563106	44.719	ug/l	98
68) m/p-Xylenes	10.36	106	435122	89.181	ug/l	98
69) o-Xylene	10.69	106	215141	44.838	ug/l	98
70) Stvrene	10.71	104	364756	45.330	ug/l	97
71) Bromoform	10.85	173	101819	43.095	ug/l	99
73) Isopropylbenzene	11.02	105	566669	43.235	ug/l	99
74) N-amyl acetate	10.90	43	212939	42.989	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	195019	44.929	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158494m	44.984	ug/l	
77) Bromobenzene	11.26	156	157799	43.117	ug/l	97
78) n-propylbenzene	11.36	91	643027	44.640	ug/l	98
79) 2-Chlorotoluene	11.42	91	380770	44.391	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	484427	44.834	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	55789	36.939	ug/l #	88
82) 4-Chlorotoluene	11.51	91	443912	45.480	ug/l	98
83) tert-Butylbenzene	11.77	119	478502	44.123	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	487258	44.886	ug/l	99
85) sec-Butylbenzene	11.94	105	560150	43.991	ug/l	99
86) p-Isopropyltoluene	12.06	119	520405	44.185	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	275412	43.112	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	277787	42.712	ug/l	99
89) n-Butylbenzene	12.38	91	445311	44.495	ug/l	99
90) Hexachloroethane	12.60	117	83560	41.031	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	272710	42.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41962	44.838	ug/l	86
93) 1,2,4-Trichlorobenzene	13.65	180	185595	42.151	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	88738	41.236	ug/l	99
95) Naphthalene	13.83	128	567124	41.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	185265	42.319	ug/l	99

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

