

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011157.D
 Acq On : 29 Jul 2019 19:42
 Operator : JC/SP
 Sample : K4026-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0681MS

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:09:11 AM

Quant Time: Jul 30 06:39:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	266117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	137896	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	91524	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
35) Dibromofluoromethane	5.50	113	82853	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
50) Toluene-d8	8.71	98	303815	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.13	95	116365	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86076	45.677	ug/l	97
3) Chloromethane	1.32	50	73703	45.304	ug/l	100
4) Vinyl Chloride	1.41	62	100250	60.414	ug/l	99
5) Bromomethane	1.64	94	37069	39.642	ug/l	98
6) Chloroethane	1.71	64	59377	56.307	ug/l	95
7) Trichlorofluoromethane	1.92	101	144560	51.464	ug/l	98
8) Diethyl Ether	2.19	74	49397	51.040	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79988	49.873	ug/l	98
10) Methyl Iodide	2.51	142	73614	34.976	ug/l	99
11) Tert butyl alcohol	3.05	59	92356	210.708	ug/l	100
12) 1,1-Dichloroethene	2.37	96	77424	49.134	ug/l	97
13) Acrolein	2.29	56	53798	212.437	ug/l	99
14) Allyl chloride	2.73	41	113908	49.766	ug/l	99
15) Acrylonitrile	3.14	53	233138	263.226	ug/l	99
16) Acetone	2.45	43	187439	220.510	ug/l	99
17) Carbon Disulfide	2.57	76	173095	42.823	ug/l	100
18) Methyl Acetate	2.78	43	104843	54.168	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	264926	52.225	ug/l	97
20) Methylene Chloride	2.85	84	88807	49.299	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	84161	50.336	ug/l	96
22) Diisopropyl ether	3.85	45	252327	52.270	ug/l	97
23) Vinyl Acetate	3.81	43	1032490	252.428	ug/l	99
24) 1,1-Dichloroethane	3.70	63	143522	51.193	ug/l	99
25) 2-Butanone	4.67	43	310422	254.402	ug/l	99
26) 2,2-Dichloropropane	4.58	77	105630	45.887	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	108852	56.253	ug/l	97
28) Bromochloromethane	5.01	49	66734	50.513	ug/l	97
29) Tetrahydrofuran	5.13	42	200600	259.534	ug/l	99
30) Chloroform	5.21	83	155703	51.382	ug/l	98
31) Cyclohexane	5.58	56	121871	47.692	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	135180	51.562	ug/l	98
36) 1,1-Dichloropropene	5.80	75	109459	50.075	ug/l	98
37) Ethyl Acetate	4.84	43	114346	51.086	ug/l	99
38) Carbon Tetrachloride	5.79	117	118046	51.824	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134159	47.327	ug/l	98
40) Benzene	6.14	78	338721	50.586	ug/l	100
41) Methacrylonitrile	5.04	41	64730	50.943	ug/l	98
42) 1,2-Dichloroethane	6.19	62	121081	52.008	ug/l	99
43) Isopropyl Acetate	6.45	43	185719	50.461	ug/l	99
44) Trichloroethene	7.21	130	98195	49.543	ug/l	93
45) 1,2-Dichloropropane	7.51	63	87357	51.259	ug/l	98
46) Dibromomethane	7.66	93	62643	51.440	ug/l	99
47) Bromodichloromethane	7.90	83	118517	54.673	ug/l	98
48) Methyl methacrylate	7.77	41	95235	53.117	ug/l	96
49) 1,4-Dioxane	7.74	88	44160	880.513	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	652608	273.537	ug/l	100
52) Toluene	8.78	92	221957	50.459	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	122242	52.444	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	133946	51.643	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95837	52.915	ug/l	98
56) Ethyl methacrylate	9.18	69	143501	54.166	ug/l	99
57) 1,3-Dichloropropane	9.37	76	150430	52.357	ug/l	98
59) 2-Hexanone	9.49	43	508801	274.957	ug/l	99
60) Dibromochloromethane	9.58	129	103949	49.876	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101691	52.906	ug/l	99
64) Tetrachloroethene	9.34	164	85872	43.787	ug/l	98
65) Chlorobenzene	10.13	112	254753	49.754	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	95111	52.853	ug/l	98
67) Ethyl Benzene	10.25	91	442292	50.749	ug/l	99
68) m/p-Xylenes	10.36	106	339934	101.682	ug/l	100
69) o-Xylene	10.69	106	165611	50.759	ug/l	99
70) Stvrene	10.71	104	286098	52.602	ug/l	99
71) Bromoform	10.85	173	79577	48.640	ug/l #	98
73) Isopropylbenzene	11.02	105	454433	48.771	ug/l	100
74) N-amyl acetate	10.90	43	171729	48.236	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	155296	50.929	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	128677m	51.711	ug/l	
77) Bromobenzene	11.26	156	124464	48.427	ug/l	99
78) n-propylbenzene	11.36	91	509487	49.488	ug/l	100
79) 2-Chlorotoluene	11.42	91	302649	48.936	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	387554	49.777	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	41079	42.475	ug/l	98
82) 4-Chlorotoluene	11.51	91	355046	49.324	ug/l	100
83) tert-Butylbenzene	11.77	119	393110	51.403	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	389007	49.572	ug/l	99
85) sec-Butylbenzene	11.94	105	451867	50.426	ug/l	99
86) p-Isopropyltoluene	12.06	119	420084	50.708	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	219835	49.288	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	222518	48.644	ug/l	99
89) n-Butylbenzene	12.38	91	359582	50.734	ug/l	100
90) Hexachloroethane	12.60	117	65971	50.488	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	221677	50.148	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32239	50.580	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	150305	50.173	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	75540	50.884	ug/l	98
95) Naphthalene	13.83	128	477941	54.027	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	153797	51.597	ug/l	98

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

