

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005622.D
 Acq On : 26 Oct 2018 22:55
 Operator : JC/MD
 Sample : J5696-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-SW-01MS

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:41 PM

Quant Time: Oct 27 05:57:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	332709	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139145	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	5.50	113	108421	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.71	98	400262	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.14	95	150973	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	146480	62.591	ug/l	100
3) Chloromethane	1.32	50	143811	48.253	ug/l	100
4) Vinyl Chloride	1.41	62	146294	49.921	ug/l	99
5) Bromomethane	1.64	94	86750	47.573	ug/l	100
6) Chloroethane	1.71	64	86016	45.946	ug/l	100
7) Trichlorofluoromethane	1.92	101	204349	50.184	ug/l	98
8) Diethyl Ether	2.18	74	81148	49.936	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106941	45.773	ug/l	98
10) Methyl Iodide	2.51	142	125911	51.515	ug/l	97
11) Tert butyl alcohol	3.07	59	175134	224.867	ug/l	100
12) 1,1-Dichloroethene	2.37	96	103230	46.382	ug/l	94
13) Acrolein	2.29	56	82384	207.365	ug/l	99
14) Allyl chloride	2.73	41	227820	45.865	ug/l	98
15) Acrylonitrile	3.15	53	402517	230.479	ug/l	100
16) Acetone	2.45	43	355522	232.464	ug/l	97
17) Carbon Disulfide	2.57	76	315079	46.441	ug/l	95
18) Methyl Acetate	2.78	43	178507	47.165	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	376586	47.434	ug/l	98
20) Methylene Chloride	2.86	84	123330	48.149	ug/l #	79
21) trans-1,2-Dichloroethene	3.17	96	114745	47.219	ug/l	97
22) Diisopropyl ether	3.87	45	411475	47.437	ug/l #	95
23) Vinyl Acetate	3.82	43	1682264	220.209	ug/l	98
24) 1,1-Dichloroethane	3.70	63	224173	47.535	ug/l	98
25) 2-Butanone	4.70	43	543260	233.268	ug/l	100
26) 2,2-Dichloropropane	4.59	77	138443	38.024	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	121024	46.196	ug/l	99
28) Bromochloromethane	5.01	49	105158	46.103	ug/l	95
29) Tetrahydrofuran	5.15	42	371512	245.125	ug/l	99
30) Chloroform	5.22	83	221447	50.199	ug/l	99
31) Cyclohexane	5.58	56	195339	50.062	ug/l #	89
32) 1,1,1-Trichloroethane	5.49	97	180154	46.271	ug/l	100
36) 1,1-Dichloropropene	5.80	75	154470	47.841	ug/l	98
37) Ethyl Acetate	4.85	43	184231	44.714	ug/l	98
38) Carbon Tetrachloride	5.79	117	161945	47.621	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	171688	48.155	ug/l	99
40) Benzene	6.14	78	461116	49.820	ug/l	99
41) Methacrylonitrile	5.06	41	110495	48.144	ug/l	97
42) 1,2-Dichloroethane	6.20	62	163507	46.502	ug/l	99
43) Isopropyl Acetate	6.46	43	293786	47.583	ug/l	98
44) Trichloroethene	7.21	130	121612	48.230	ug/l	98
45) 1,2-Dichloropropane	7.52	63	120217	48.311	ug/l	99
46) Dibromomethane	7.66	93	76833	47.806	ug/l	99
47) Bromodichloromethane	7.90	83	150897	48.375	ug/l	97
48) Methyl methacrylate	7.77	41	154486	51.361	ug/l	99
49) 1,4-Dioxane	7.76	88	57477	874.424	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1021231	246.113	ug/l	99
52) Toluene	8.79	92	277132	49.267	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	165814	49.185	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	176420	48.606	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	113904	48.028	ug/l	98
56) Ethyl methacrylate	9.18	69	184018	52.020	ug/l	99
57) 1,3-Dichloropropane	9.37	76	192943	48.082	ug/l	99
59) 2-Hexanone	9.49	43	811303	247.981	ug/l	99
60) Dibromochloromethane	9.59	129	122219	49.394	ug/l	100
61) 1,2-Dibromoethane	9.67	107	119106	48.545	ug/l	100
64) Tetrachloroethene	9.34	164	115164	45.210	ug/l	98
65) Chlorobenzene	10.14	112	313344	47.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115988	48.682	ug/l	100
67) Ethyl Benzene	10.26	91	540705	50.295	ug/l	99
68) m/p-Xylenes	10.36	106	415997	99.737	ug/l	100
69) o-Xylene	10.70	106	200816	51.175	ug/l	99
70) Styrene	10.71	104	336404	51.210	ug/l	100
71) Bromoform	10.86	173	102938	48.417	ug/l	99
73) Isopropylbenzene	11.02	105	548750	52.163	ug/l	99
74) N-amyl acetate	10.90	43	253674	48.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	190431	49.066	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	174781m	47.933	ug/l	
77) Bromobenzene	11.26	156	146992	50.137	ug/l	98
78) n-propylbenzene	11.36	91	624223	51.892	ug/l	100
79) 2-Chlorotoluene	11.42	91	373906	50.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	467529	51.951	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52996	47.490	ug/l	97
82) 4-Chlorotoluene	11.51	91	442360	50.298	ug/l	99
83) tert-Butylbenzene	11.77	119	469983	52.392	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	485223	53.200	ug/l	100
85) sec-Butylbenzene	11.94	105	556270	51.968	ug/l	100
86) p-Isopropyltoluene	12.07	119	501515	52.411	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270610	49.084	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	274159	47.640	ug/l	100
89) n-Butylbenzene	12.39	91	438062	50.710	ug/l	100
90) Hexachloroethane	12.60	117	84345	51.107	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	273118	48.964	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46153	49.181	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	203673	50.372	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	97240	46.407	ug/l	99
95) Naphthalene	13.83	128	642080	54.630	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	209684	51.158	ug/l	99

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

