

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005623.D
 Acq On : 26 Oct 2018 23:21
 Operator : JC/MD
 Sample : J5696-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-SW-01MSD

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:45 PM

Quant Time: Oct 27 05:58:53 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	5.67	168	224161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	168718	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	134976	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.50	113	106434	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
50) Toluene-d8	8.71	98	392853	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.14	95	149241	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	132448	59.861	ug/l	100
3) Chloromethane	1.32	50	148342	52.646	ug/l	99
4) Vinyl Chloride	1.41	62	146373	52.831	ug/l	99
5) Bromomethane	1.64	94	90765	52.648	ug/l	100
6) Chloroethane	1.71	64	92061	52.014	ug/l	100
7) Trichlorofluoromethane	1.93	101	192229	49.932	ug/l	99
8) Diethyl Ether	2.19	74	76103	49.534	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	108394	49.073	ug/l	100
10) Methyl Iodide	2.51	142	123866	53.493	ug/l	98
11) Tert butyl alcohol	3.08	59	170632	231.732	ug/l	99
12) 1,1-Dichloroethene	2.37	96	103083	48.989	ug/l	96
13) Acrolein	2.29	56	81234	216.272	ug/l	98
14) Allyl chloride	2.73	41	228172	48.587	ug/l	98
15) Acrylonitrile	3.14	53	404617	245.053	ug/l	98
16) Acetone	2.45	43	355924	246.160	ug/l	100
17) Carbon Disulfide	2.56	76	322373	50.258	ug/l	98
18) Methyl Acetate	2.78	43	177662	49.730	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	374587	49.905	ug/l	95
20) Methylene Chloride	2.85	84	116962	48.299	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	107672	46.866	ug/l	95
22) Diisopropyl ether	3.87	45	398518	48.594	ug/l #	91
23) Vinyl Acetate	3.82	43	1669977	231.217	ug/l	95
24) 1,1-Dichloroethane	3.70	63	220024	49.348	ug/l	99
25) 2-Butanone	4.70	43	535252	243.095	ug/l	96
26) 2,2-Dichloropropane	4.58	77	145004	42.125	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	121880	49.208	ug/l	99
28) Bromochloromethane	5.02	49	103151	47.833	ug/l	94
29) Tetrahydrofuran	5.15	42	366868	256.032	ug/l	98
30) Chloroform	5.22	83	214959	51.541	ug/l	90
31) Cyclohexane	5.57	56	193233	52.380	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	177906	48.331	ug/l	99
36) 1,1-Dichloropropene	5.80	75	156310	47.850	ug/l	98
37) Ethyl Acetate	4.85	43	177750	42.641	ug/l	98
38) Carbon Tetrachloride	5.78	117	159516	46.364	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	172393	47.792	ug/l	99
40) Benzene	6.14	78	484449	51.734	ug/l	99
41) Methacrylonitrile	5.06	41	114521	49.320	ug/l	96
42) 1,2-Dichloroethane	6.20	62	170697	47.985	ug/l	100
43) Isopropyl Acetate	6.46	43	288492	46.184	ug/l	98
44) Trichloroethene	7.21	130	120112	47.084	ug/l	100
45) 1,2-Dichloropropane	7.51	63	121068	48.089	ug/l	90
46) Dibromomethane	7.66	93	76229	46.881	ug/l	99
47) Bromodichloromethane	7.90	83	149848	47.483	ug/l	100
48) Methyl methacrylate	7.77	41	153565	50.464	ug/l	98
49) 1,4-Dioxane	7.76	88	57073	858.220	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1005448	239.502	ug/l	100
52) Toluene	8.79	92	273980	48.142	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	164675	48.281	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	177116	48.232	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	113162	47.163	ug/l	96
56) Ethyl methacrylate	9.18	69	182085	50.877	ug/l	99
57) 1,3-Dichloropropane	9.37	76	192095	47.316	ug/l	100
59) 2-Hexanone	9.50	43	795320	240.280	ug/l	99
60) Dibromochloromethane	9.59	129	121831	48.667	ug/l	99
61) 1,2-Dibromoethane	9.67	107	117477	47.326	ug/l	100
64) Tetrachloroethene	9.34	164	114181	45.569	ug/l	97
65) Chlorobenzene	10.14	112	306770	47.728	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	113985	48.635	ug/l	99
67) Ethyl Benzene	10.25	91	533304	50.430	ug/l	100
68) m/p-Xylenes	10.36	106	412196	100.466	ug/l	100
69) o-Xylene	10.70	106	199171	51.598	ug/l	100
70) Stvrene	10.71	104	333505	51.612	ug/l	99
71) Bromoform	10.86	173	101722	48.639	ug/l	98
73) Isopropylbenzene	11.02	105	536915	52.060	ug/l	99
74) N-amyl acetate	10.90	43	246749	48.284	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	186803	49.095	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	173953m	48.662	ug/l	
77) Bromobenzene	11.26	156	144358	50.224	ug/l	98
78) n-propylbenzene	11.36	91	616661	52.290	ug/l	100
79) 2-Chlorotoluene	11.42	91	368756	50.431	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	460251	52.167	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52593	48.073	ug/l	95
82) 4-Chlorotoluene	11.51	91	434949	50.446	ug/l	99
83) tert-Butylbenzene	11.77	119	464523	52.820	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	474963	53.118	ug/l	100
85) sec-Butylbenzene	11.94	105	549010	52.317	ug/l	100
86) p-Isopropyltoluene	12.07	119	493350	52.590	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	265473	49.117	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	265992	47.146	ug/l	99
89) n-Butylbenzene	12.39	91	428587	50.607	ug/l	100
90) Hexachloroethane	12.60	117	83357	51.520	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	270078	49.389	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45291	49.229	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	202091	50.981	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	93482	45.507	ug/l	99
95) Naphthalene	13.83	128	631618	54.816	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	204789	50.964	ug/l	100

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

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