

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005621.D
 Acq On : 26 Oct 2018 22:28
 Operator : JC/MD
 Sample : J5690-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15MSD

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:36 PM

Quant Time: Oct 27 05:55:27 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	232079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181392	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	138842	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
35) Dibromofluoromethane	5.50	113	114001	48.38	ug/l	0.00
Spiked Amount			Recovery	=	96.76%	
50) Toluene-d8	8.72	98	411312	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.14	95	156985	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	139049	60.701	ug/l	100
3) Chloromethane	1.33	50	151473	51.923	ug/l	99
4) Vinyl Chloride	1.41	62	166041	57.885	ug/l #	88
5) Bromomethane	1.64	94	87960	49.280	ug/l	97
6) Chloroethane	1.72	64	102522	55.948	ug/l	91
7) Trichlorofluoromethane	1.93	101	207893	52.158	ug/l	96
8) Diethyl Ether	2.20	74	83036	52.203	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	111972	48.963	ug/l	99
10) Methyl Iodide	2.51	142	141471	58.730	ug/l	99
11) Tert butyl alcohol	3.08	59	188388	247.117	ug/l	100
12) 1,1-Dichloroethene	2.38	96	108250	49.690	ug/l	96
13) Acrolein	2.30	56	86959	223.616	ug/l	100
14) Allyl chloride	2.73	41	242458	49.868	ug/l	98
15) Acrylonitrile	3.15	53	429800	251.424	ug/l	99
16) Acetone	2.45	43	387938	259.147	ug/l	93
17) Carbon Disulfide	2.57	76	337572	50.832	ug/l	99
18) Methyl Acetate	2.78	43	191026	51.705	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	402939	51.851	ug/l	99
20) Methylene Chloride	2.86	84	124623	49.706	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	116466	48.964	ug/l	95
22) Diisopropyl ether	3.87	45	432044	50.885	ug/l #	87
23) Vinyl Acetate	3.82	43	1809090	241.933	ug/l	97
24) 1,1-Dichloroethane	3.70	63	230311	49.893	ug/l	100
25) 2-Butanone	4.71	43	579889	254.382	ug/l	92
26) 2,2-Dichloropropane	4.59	77	148021	41.534	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	134698	52.528	ug/l	98
28) Bromochloromethane	5.03	49	115372	51.675	ug/l	98
29) Tetrahydrofuran	5.16	42	372310	250.965	ug/l	99
30) Chloroform	5.22	83	211678	49.023	ug/l	88
31) Cyclohexane	5.58	56	201632	52.792	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	188147	49.369	ug/l	98
36) 1,1-Dichloropropene	5.80	75	162967	48.256	ug/l	99
37) Ethyl Acetate	4.86	43	196266	45.542	ug/l	100
38) Carbon Tetrachloride	5.78	117	168044	47.244	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	185134	49.645	ug/l	99
40) Benzene	6.15	78	503043	51.962	ug/l	99
41) Methacrylonitrile	5.06	41	114749	47.801	ug/l	96
42) 1,2-Dichloroethane	6.20	62	174557	47.464	ug/l	99
43) Isopropyl Acetate	6.46	43	297864	46.124	ug/l	98
44) Trichloroethene	7.22	130	128802	48.838	ug/l	93
45) 1,2-Dichloropropane	7.52	63	130821	50.262	ug/l	99
46) Dibromomethane	7.66	93	80701	48.007	ug/l	99
47) Bromodichloromethane	7.90	83	156772	48.051	ug/l	98
48) Methyl methacrylate	7.78	41	160870	51.134	ug/l	99
49) 1,4-Dioxane	7.76	88	59829	870.219	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1067521	245.966	ug/l	99
52) Toluene	8.79	92	295390	50.205	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	176490	50.052	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	184194	48.518	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	118243	47.668	ug/l	98
56) Ethyl methacrylate	9.18	69	196382	53.076	ug/l	99
57) 1,3-Dichloropropane	9.37	76	201734	48.064	ug/l	99
59) 2-Hexanone	9.50	43	849609	248.281	ug/l	99
60) Dibromochloromethane	9.59	129	128434	49.625	ug/l	99
61) 1,2-Dibromoethane	9.67	107	126079	49.129	ug/l	100
64) Tetrachloroethene	9.34	164	111934	42.775	ug/l	98
65) Chlorobenzene	10.14	112	328766	48.977	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	120651	49.293	ug/l	99
67) Ethyl Benzene	10.26	91	1032259	93.467	ug/l	99
68) m/p-Xylenes	10.36	106	441745	103.095	ug/l	100
69) o-Xylene	10.70	106	222253	55.133	ug/l	99
70) Stvrene	10.71	104	350739	51.974	ug/l	99
71) Bromoform	10.86	173	108479	49.667	ug/l	99
73) Isopropylbenzene	11.02	105	937958	84.591	ug/l	99
74) N-amyl acetate	10.90	43	270892	49.305	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	202731	49.558	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	185536m	48.276	ug/l	
77) Bromobenzene	11.26	156	154629	50.039	ug/l	98
78) n-propylbenzene	11.36	91	952393	75.116	ug/l	100
79) 2-Chlorotoluene	11.42	91	396491	50.436	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	498740	52.580	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55297	47.013	ug/l	97
82) 4-Chlorotoluene	11.51	91	471218	50.834	ug/l	100
83) tert-Butylbenzene	11.77	119	510801	54.024	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	716384	74.520	ug/l	100
85) sec-Butylbenzene	11.94	105	601823	53.342	ug/l	99
86) p-Isopropyltoluene	12.07	119	535335	53.079	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	286451	49.295	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	290294	47.859	ug/l	100
89) n-Butylbenzene	12.39	91	500096	54.925	ug/l	96
90) Hexachloroethane	12.60	117	94303	54.213	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	291589	49.597	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52113	52.687	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	223033	52.333	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	104531	47.330	ug/l	100
95) Naphthalene	13.83	128	872616	70.440	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	227846	52.740	ug/l	99

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

