

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007100.D
 Acq On : 17 Jan 2019 20:16
 Operator : JC/SP
 Sample : K1168-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS038RW150-190115MSD

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:24:30 AM

Quant Time: Jan 18 06:59:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	507149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	768360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	688271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	350383	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	266506	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
35) Dibromofluoromethane	5.50	113	243327	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	
50) Toluene-d8	8.71	98	893730	49.62	ug/l	0.00
Spiked Amount			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	11.13	95	318732	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	208461	50.054	ug/l	99
3) Chloromethane	1.33	50	228192	47.067	ug/l	100
4) Vinyl Chloride	1.41	62	257587	49.391	ug/l	98
5) Bromomethane	1.64	94	247270	44.377	ug/l	96
6) Chloroethane	1.71	64	170702	46.876	ug/l	99
7) Trichlorofluoromethane	1.93	101	423088	50.208	ug/l	97
8) Diethyl Ether	2.19	74	166121	49.552	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	247066	48.973	ug/l	99
10) Methyl Iodide	2.51	142	357450	52.526	ug/l	100
11) Tert butyl alcohol	3.08	59	299399	239.468	ug/l	100
12) 1,1-Dichloroethene	2.37	96	227470	48.802	ug/l	97
13) Acrolein	2.30	56	148031	274.225	ug/l	99
14) Allyl chloride	2.73	41	396889	49.684	ug/l	98
15) Acrylonitrile	3.15	53	735662	256.314	ug/l	99
16) Acetone	2.45	43	625940	238.888	ug/l	98
17) Carbon Disulfide	2.57	76	533323	44.442	ug/l	99
18) Methyl Acetate	2.78	43	393105	51.806	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	825864	51.048	ug/l	99
20) Methylene Chloride	2.85	84	259568	52.107	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	245996	47.359	ug/l	98
22) Diisopropyl ether	3.87	45	752069	50.079	ug/l	95
23) Vinyl Acetate	3.82	43	3005352	237.300	ug/l	98
24) 1,1-Dichloroethane	3.70	63	415949	49.533	ug/l	98
25) 2-Butanone	4.70	43	922661	246.098	ug/l	100
26) 2,2-Dichloropropane	4.59	77	264865	41.018	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	276956	48.339	ug/l	99
28) Bromochloromethane	5.02	49	183163	49.784	ug/l	97
29) Tetrahydrofuran	5.15	42	614145	252.062	ug/l	97
30) Chloroform	5.21	83	442642	50.346	ug/l	97
31) Cyclohexane	5.57	56	361235	48.332	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	371980	49.915	ug/l	99
36) 1,1-Dichloropropene	5.79	75	312131	46.724	ug/l	99
37) Ethyl Acetate	4.85	43	337432	47.115	ug/l	98
38) Carbon Tetrachloride	5.79	117	322957	48.051	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	438366	51.474	ug/l	92
40) Benzene	6.14	78	979062	48.032	ug/l	99
41) Methacrylonitrile	5.06	41	194884	47.236	ug/l	99
42) 1,2-Dichloroethane	6.20	62	335212	47.590	ug/l	99
43) Isopropyl Acetate	6.46	43	562778	49.817	ug/l	98
44) Trichloroethene	7.21	130	277891	45.495	ug/l	99
45) 1,2-Dichloropropane	7.52	63	245378	47.883	ug/l	99
46) Dibromomethane	7.66	93	176873	49.111	ug/l	97
47) Bromodichloromethane	7.90	83	316953	51.703	ug/l	97
48) Methyl methacrylate	7.77	41	290393	50.056	ug/l	97
49) 1,4-Dioxane	7.75	88	112407	847.138	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1874084	258.137	ug/l	98
52) Toluene	8.79	92	629197	48.026	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	344642	50.700	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	372127	49.571	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	266286	50.780	ug/l	98
56) Ethyl methacrylate	9.18	69	399357	52.167	ug/l	95
57) 1,3-Dichloropropane	9.37	76	430553	50.117	ug/l	99
59) 2-Hexanone	9.49	43	1381673	249.735	ug/l	99
60) Dibromochloromethane	9.59	129	278096	54.614	ug/l	98
61) 1,2-Dibromoethane	9.67	107	288324	49.944	ug/l	99
64) Tetrachloroethene	9.34	164	258706	43.415	ug/l	97
65) Chlorobenzene	10.14	112	808271	53.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	265053	52.487	ug/l	99
67) Ethyl Benzene	10.25	91	1201135	48.468	ug/l	99
68) m/p-Xylenes	10.36	106	948667	97.161	ug/l	100
69) o-Xylene	10.70	106	465786	48.916	ug/l	97
70) Stvrene	10.71	104	754926	50.058	ug/l	100
71) Bromoform	10.86	173	208241	46.461	ug/l #	98
73) Isopropylbenzene	11.02	105	1330489	53.851	ug/l	98
74) N-amyl acetate	10.90	43	498941	50.157	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	402919	51.369	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	361464m	50.908	ug/l	
77) Bromobenzene	11.26	156	334054	49.070	ug/l	98
78) n-propylbenzene	11.36	91	1377455	50.786	ug/l	99
79) 2-Chlorotoluene	11.42	91	797249	48.830	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1016881	49.257	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	100967	43.450	ug/l	94
82) 4-Chlorotoluene	11.51	91	930706	49.234	ug/l	100
83) tert-Butylbenzene	11.77	119	1213730	58.926	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1034630	49.838	ug/l	99
85) sec-Butylbenzene	11.94	105	1687883	68.616	ug/l	80
86) p-Isopropyltoluene	12.06	119	1100208	50.002	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	590752	48.010	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	596196	51.135	ug/l	99
89) n-Butylbenzene	12.39	91	971979	51.820	ug/l	99
90) Hexachloroethane	12.60	117	173133	49.330	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	594058	48.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	90888	58.589	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	417361	50.097	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	201590	54.528	ug/l	98
95) Naphthalene	13.83	128	1322225	52.377	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	421486	50.930	ug/l	97

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

