

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008751.D
 Acq On : 08 Apr 2019 17:35
 Operator : JC/SP
 Sample : K2295-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MSD

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:50:11 PM

Quant Time: Apr 09 07:26:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	165928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	286804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	248025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114742	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	125286	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.50	113	93541	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	8.72	98	360425	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	127193	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	77382	40.515	ug/l	100
3) Chloromethane	1.32	50	107545	45.803	ug/l	100
4) Vinyl Chloride	1.41	62	110258	42.704	ug/l	98
5) Bromomethane	1.64	94	60567	47.709	ug/l	99
6) Chloroethane	1.71	64	68810	48.722	ug/l	98
7) Trichlorofluoromethane	1.92	101	128060	44.869	ug/l	99
8) Diethyl Ether	2.19	74	63392	46.836	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78055	42.477	ug/l	97
10) Methyl Iodide	2.50	142	75707	45.618	ug/l	99
11) Tert butyl alcohol	3.07	59	155806	274.989	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83019	43.278	ug/l	98
13) Acrolein	2.29	56	99761	355.091	ug/l	99
14) Allyl chloride	2.72	41	206339	46.987	ug/l	98
15) Acrylonitrile	3.15	53	379795	253.029	ug/l	100
16) Acetone	2.45	43	311872	223.734	ug/l	100
17) Carbon Disulfide	2.56	76	244713	44.089	ug/l	99
18) Methyl Acetate	2.78	43	171672	50.780	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	340538	49.709	ug/l	98
20) Methylene Chloride	2.85	84	102217	43.808	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	94620	45.602	ug/l	92
22) Diisopropyl ether	3.86	45	407645	48.162	ug/l	99
23) Vinyl Acetate	3.82	43	1831291	248.710	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200653	47.881	ug/l	99
25) 2-Butanone	4.68	43	571150	259.241	ug/l	100
26) 2,2-Dichloropropane	4.59	77	120737	40.906	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	111828	46.877	ug/l	98
28) Bromochloromethane	5.02	49	87014	49.689	ug/l	99
29) Tetrahydrofuran	5.14	42	382179	261.357	ug/l	100
30) Chloroform	5.21	83	181009	48.360	ug/l	98
31) Cyclohexane	5.58	56	182922	43.746	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	146844	48.549	ug/l	99
36) 1,1-Dichloropropene	5.80	75	136876	43.660	ug/l	99
37) Ethyl Acetate	4.84	43	210896	50.398	ug/l	99
38) Carbon Tetrachloride	5.79	117	120392	46.398	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159798	41.261	ug/l	98
40) Benzene	6.14	78	427352	45.756	ug/l	100
41) Methacrylonitrile	5.05	41	118774	49.379	ug/l	99
42) 1,2-Dichloroethane	6.20	62	154540	46.155	ug/l	99
43) Isopropyl Acetate	6.45	43	323385	49.332	ug/l	100
44) Trichloroethene	7.21	130	97890	45.001	ug/l	99
45) 1,2-Dichloropropane	7.52	63	123907	46.481	ug/l	97
46) Dibromomethane	7.66	93	69916	45.221	ug/l	99
47) Bromodichloromethane	7.90	83	139567	47.876	ug/l	99
48) Methyl methacrylate	7.77	41	163028	49.164	ug/l	99
49) 1,4-Dioxane	7.74	88	61418	988.737	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1067291	252.921	ug/l	100
52) Toluene	8.79	92	249702	45.349	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	157394	48.199	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	174716	46.825	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	104079	47.089	ug/l	99
56) Ethyl methacrylate	9.18	69	192263	48.077	ug/l	100
57) 1,3-Dichloropropane	9.37	76	185957	46.854	ug/l	99
59) 2-Hexanone	9.49	43	822317	250.748	ug/l	100
60) Dibromochloromethane	9.59	129	102093	49.018	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107712	46.812	ug/l	98
64) Tetrachloroethene	9.34	164	88657	48.246	ug/l	98
65) Chlorobenzene	10.14	112	251061	45.665	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	94047	48.760	ug/l	99
67) Ethyl Benzene	10.25	91	468708	45.719	ug/l	100
68) m/p-Xylenes	10.36	106	340746	92.441	ug/l	98
69) o-Xylene	10.70	106	166297	46.553	ug/l	98
70) Stvrene	10.71	104	289958	47.089	ug/l	99
71) Bromoform	10.86	173	75127	50.999	ug/l #	98
73) Isopropylbenzene	11.02	105	437275	45.985	ug/l	99
74) N-amyl acetate	10.90	43	270400	48.333	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	171960	47.550	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	143834m	45.632	ug/l	
77) Bromobenzene	11.26	156	106749	46.697	ug/l	99
78) n-propylbenzene	11.36	91	506028	45.703	ug/l	100
79) 2-Chlorotoluene	11.42	91	301112	44.940	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367520	46.044	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56036	49.005	ug/l	99
82) 4-Chlorotoluene	11.51	91	346498	44.676	ug/l	99
83) tert-Butylbenzene	11.77	119	360587	46.956	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	370866	45.886	ug/l	99
85) sec-Butylbenzene	11.94	105	416564	45.668	ug/l	99
86) p-Isopropyltoluene	12.07	119	375926	45.917	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	184272	45.028	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183662	44.320	ug/l	99
89) n-Butylbenzene	12.39	91	343524	44.742	ug/l	100
90) Hexachloroethane	12.60	117	63430	46.712	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	184501	45.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40450	50.846	ug/l	100
93) 1,2,4-Trichlorobenzene	13.65	180	128279	45.406	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	60530	44.675	ug/l	100
95) Naphthalene	13.83	128	463134	49.049	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131416	46.557	ug/l	99

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

