

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008750.D
 Acq On : 08 Apr 2019 17:12
 Operator : JC/SP
 Sample : K2295-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ST008MW214-190403MS

Manual Integrations
 APPROVED

MMDadoda
 4/9/2019 1:50:04 PM

Quant Time: Apr 09 07:25:17 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	157863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	272485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109893	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	119774	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
35) Dibromofluoromethane	5.50	113	88898	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
50) Toluene-d8	8.72	98	343129	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.14	95	122435	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	79804	43.917	ug/l	98
3) Chloromethane	1.32	50	109023	48.919	ug/l	99
4) Vinyl Chloride	1.41	62	111926	45.564	ug/l	100
5) Bromomethane	1.64	94	54368	45.121	ug/l	99
6) Chloroethane	1.71	64	70633	52.822	ug/l	100
7) Trichlorofluoromethane	1.92	101	127266	46.869	ug/l	98
8) Diethyl Ether	2.19	74	64009	49.708	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	78122	44.686	ug/l	97
10) Methyl Iodide	2.51	142	76787	48.368	ug/l	99
11) Tert butyl alcohol	3.06	59	154654	286.901	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82950	45.451	ug/l	99
13) Acrolein	2.29	56	96162	359.768	ug/l	100
14) Allyl chloride	2.73	41	206210	49.357	ug/l	98
15) Acrylonitrile	3.15	53	381246	266.972	ug/l	100
16) Acetone	2.45	43	314448	237.107	ug/l	99
17) Carbon Disulfide	2.56	76	240669	45.601	ug/l	99
18) Methyl Acetate	2.78	43	168156	52.281	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	337038	51.712	ug/l	99
20) Methylene Chloride	2.85	84	103508	46.628	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	94207	47.722	ug/l	94
22) Diisopropyl ether	3.86	45	405102	50.307	ug/l	98
23) Vinyl Acetate	3.82	43	1791679	255.762	ug/l	99
24) 1,1-Dichloroethane	3.70	63	200042	50.174	ug/l	99
25) 2-Butanone	4.68	43	566004	270.030	ug/l	99
26) 2,2-Dichloropropane	4.59	77	122348	43.570	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	111648	49.192	ug/l	98
28) Bromochloromethane	5.02	49	86952	52.352	ug/l	99
29) Tetrahydrofuran	5.13	42	378529	272.086	ug/l	100
30) Chloroform	5.21	83	180881	50.795	ug/l	98
31) Cyclohexane	5.58	56	183694	46.174	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	144203	50.112	ug/l	100
36) 1,1-Dichloropropene	5.80	75	135282	45.419	ug/l	99
37) Ethyl Acetate	4.84	43	204163	51.353	ug/l	99
38) Carbon Tetrachloride	5.79	117	118367	48.015	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	160690	43.672	ug/l	99
40) Benzene	6.15	78	423871	47.769	ug/l	99
41) Methacrylonitrile	5.05	41	118515	51.860	ug/l	99
42) 1,2-Dichloroethane	6.20	62	153384	48.217	ug/l	99
43) Isopropyl Acetate	6.45	43	317426	50.968	ug/l	100
44) Trichloroethene	7.21	130	97430	47.143	ug/l	98
45) 1,2-Dichloropropane	7.52	63	122279	48.280	ug/l	98
46) Dibromomethane	7.66	93	70355	47.896	ug/l	100
47) Bromodichloromethane	7.90	83	137517	49.652	ug/l	99
48) Methyl methacrylate	7.77	41	160806	51.043	ug/l	99
49) 1,4-Dioxane	7.74	88	60870	1031.410	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1065651	265.803	ug/l	100
52) Toluene	8.79	92	248532	47.508	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155827	50.227	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	172664	48.706	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105835	50.400	ug/l	98
56) Ethyl methacrylate	9.18	69	191512	50.406	ug/l	99
57) 1,3-Dichloropropane	9.37	76	185046	49.075	ug/l	99
59) 2-Hexanone	9.49	43	825752	265.028	ug/l	100
60) Dibromochloromethane	9.59	129	99555	50.311	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107926	49.370	ug/l	99
64) Tetrachloroethene	9.34	164	88400	50.663	ug/l	98
65) Chlorobenzene	10.14	112	251138	48.107	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	91842	50.148	ug/l	99
67) Ethyl Benzene	10.25	91	468506	48.129	ug/l	100
68) m/p-Xylenes	10.36	106	338234	96.637	ug/l	99
69) o-Xylene	10.70	106	165714	48.855	ug/l	99
70) Styrene	10.71	104	288310	49.310	ug/l	100
71) Bromoform	10.86	173	73331	52.426	ug/l	100
73) Isopropylbenzene	11.02	105	437785	48.070	ug/l	100
74) N-amyl acetate	10.90	43	266437	49.726	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	171997	49.659	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	168154m	55.701	ug/l	
77) Bromobenzene	11.26	156	105928	48.383	ug/l	100
78) n-propylbenzene	11.36	91	503215	47.455	ug/l	100
79) 2-Chlorotoluene	11.42	91	301505	46.984	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367981	48.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	55303	50.498	ug/l	98
82) 4-Chlorotoluene	11.51	91	347186	46.740	ug/l	99
83) tert-Butylbenzene	11.77	119	360458	49.010	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	369437	47.726	ug/l	100
85) sec-Butylbenzene	11.94	105	418273	47.878	ug/l	99
86) p-Isopropyltoluene	12.07	119	376444	48.009	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183854	46.908	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183953	46.349	ug/l	100
89) n-Butylbenzene	12.39	91	345428	46.975	ug/l	100
90) Hexachloroethane	12.60	117	63331	48.697	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	186438	47.908	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40392	53.013	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	128953	47.659	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	60661	46.747	ug/l	99
95) Naphthalene	13.83	128	459418	50.802	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133121	49.242	ug/l	98

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

