

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041019\
 Data File : VX008798.D
 Acq On : 10 Apr 2019 12:26
 Operator : JC/SP
 Sample : VX0410WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 11:48:24 AM

Quant Time: Apr 11 07:24:00 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	5.66	168	172027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	116663	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	115979	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	92.44%		
35) Dibromofluoromethane	5.49	113	85209	47.62	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.24%		
50) Toluene-d8	8.71	98	348563	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.86%		
62) 4-Bromofluorobenzene	11.13	95	126273	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.96%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	31490	15.903	ug/l	97
3) Chloromethane	1.32	50	45713	17.747	ug/l	100
4) Vinyl Chloride	1.41	62	43511	16.255	ug/l	96
5) Bromomethane	1.64	94	24249	19.581	ug/l	98
6) Chloroethane	1.72	64	27045	16.469	ug/l	96
7) Trichlorofluoromethane	1.93	101	51462	17.392	ug/l	98
8) Diethyl Ether	2.19	74	24219	17.259	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33697	17.688	ug/l	99
10) Methyl Iodide	2.51	142	30763	20.314	ug/l	99
11) Tert butyl alcohol	3.04	59	54788	93.270	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34385	17.290	ug/l	98
13) Acrolein	2.29	56	34275	117.674	ug/l	99
14) Allyl chloride	2.73	41	81690	17.943	ug/l	98
15) Acrylonitrile	3.14	53	140749	90.446	ug/l	99
16) Acetone	2.44	43	127221	88.032	ug/l	100
17) Carbon Disulfide	2.57	76	94999	16.039	ug/l	100
18) Methyl Acetate	2.78	43	63325	18.067	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	130514	18.376	ug/l	99
20) Methylene Chloride	2.85	84	41755	17.261	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	36759	17.088	ug/l	96
22) Diisopropyl ether	3.85	45	160498	18.290	ug/l	93
23) Vinyl Acetate	3.81	43	703834	92.200	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77233	17.776	ug/l	99
25) 2-Butanone	4.67	43	209106	91.547	ug/l	99
26) 2,2-Dichloropropane	4.58	77	55906	18.270	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	43288	17.502	ug/l	99
28) Bromochloromethane	5.01	49	40685	20.641	ug/l	99
29) Tetrahydrofuran	5.13	42	138612	91.430	ug/l	99
30) Chloroform	5.21	83	70465	18.159	ug/l	98
31) Cyclohexane	5.58	56	74278	17.134	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	56841	18.126	ug/l	100
36) 1,1-Dichloropropene	5.80	75	53135	17.370	ug/l	98
37) Ethyl Acetate	4.84	43	78889	19.321	ug/l	99
38) Carbon Tetrachloride	5.78	117	46107	18.211	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65830	17.421	ug/l	99
40) Benzene	6.14	78	166879	18.312	ug/l	98
41) Methacrylonitrile	5.04	41	44530	18.973	ug/l	99
42) 1,2-Dichloroethane	6.20	62	60600	18.549	ug/l	99
43) Isopropyl Acetate	6.45	43	121104	18.934	ug/l	100
44) Trichloroethene	7.21	130	38706	18.236	ug/l	97
45) 1,2-Dichloropropane	7.51	63	47659	18.323	ug/l	100
46) Dibromomethane	7.66	93	26998	17.896	ug/l	98
47) Bromodichloromethane	7.90	83	52610	18.496	ug/l	99
48) Methyl methacrylate	7.77	41	60695	18.759	ug/l	100
49) 1,4-Dioxane	7.74	88	23396	386.011	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	407064	98.864	ug/l	100
52) Toluene	8.78	92	101087	18.815	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59499	18.674	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	67156	18.446	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41105	19.060	ug/l	98
56) Ethyl methacrylate	9.18	69	75525	19.356	ug/l	99
57) 1,3-Dichloropropane	9.37	76	72630	18.755	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	191262	95.995	ug/l	99
59) 2-Hexanone	9.49	43	315505	98.600	ug/l	99
60) Dibromochloromethane	9.58	129	38953	19.168	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41438	18.457	ug/l	98
64) Tetrachloroethene	9.34	164	34999	18.852	ug/l	98
65) Chlorobenzene	10.14	112	102540	18.461	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35920	18.433	ug/l	97
67) Ethyl Benzene	10.25	91	192145	18.551	ug/l	100
68) m/p-Xylenes	10.36	106	137376	36.889	ug/l	99
69) o-Xylene	10.69	106	67514	18.707	ug/l	99
70) Styrene	10.71	104	117791	18.934	ug/l	99
71) Bromoform	10.85	173	27934	18.769	ug/l #	99
73) Isopropylbenzene	11.02	105	180048	18.623	ug/l	100
74) N-amyl acetate	10.90	43	105346	18.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68013	18.497	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	58710m	18.319	ug/l	
77) Bromobenzene	11.26	156	43182	18.579	ug/l	99
78) n-propylbenzene	11.36	91	206587	18.351	ug/l	100
79) 2-Chlorotoluene	11.42	91	123791	18.171	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	151288	18.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21379	18.388	ug/l	96
82) 4-Chlorotoluene	11.51	91	142082	18.018	ug/l	98
83) tert-Butylbenzene	11.77	119	143634	18.396	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	153281	18.653	ug/l	99
85) sec-Butylbenzene	11.94	105	171950	18.540	ug/l	100
86) p-Isopropyltoluene	12.06	119	155616	18.695	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77049	18.517	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	76537	18.165	ug/l	100
89) n-Butylbenzene	12.38	91	143206	18.344	ug/l	100
90) Hexachloroethane	12.60	117	24929	18.056	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	76575	18.535	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14637	18.096	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53372	18.581	ug/l	99
94) Hexachlorobutadiene	13.78	225	26535	19.262	ug/l	99
95) Naphthalene	13.83	128	177181	18.456	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	52804	18.399	ug/l	100

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

