

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX040519\
 Data File : VX008693.D
 Acq On : 05 Apr 2019 19:43
 Operator : JC/SP
 Sample : VX0405WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 9:50:13 AM

Quant Time: Apr 06 03:12:20 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	175248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	263301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	120768	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.50	113	89135	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	8.71	98	363482	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.13	95	130079	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	33391	16.553	ug/l	96
3) Chloromethane	1.32	50	48126	18.399	ug/l	100
4) Vinyl Chloride	1.40	62	46545	17.068	ug/l	100
5) Bromomethane	1.64	94	21174	17.053	ug/l	98
6) Chloroethane	1.72	64	32514	20.016	ug/l	99
7) Trichlorofluoromethane	1.93	101	52606	17.451	ug/l	98
8) Diethyl Ether	2.18	74	24552	17.175	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32608	16.801	ug/l	100
10) Methyl Iodide	2.51	142	23578	16.274	ug/l	99
11) Tert butyl alcohol	3.04	59	54563	91.179	ug/l	100
12) 1,1-Dichloroethene	2.37	96	34464	17.011	ug/l	99
13) Acrolein	2.29	56	44905	151.335	ug/l	98
14) Allyl chloride	2.73	41	78742	16.977	ug/l	99
15) Acrylonitrile	3.14	53	138314	87.248	ug/l	100
16) Acetone	2.44	43	119506	81.173	ug/l	99
17) Carbon Disulfide	2.57	76	99632	16.534	ug/l	99
18) Methyl Acetate	2.77	43	61441	17.208	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	131410	18.162	ug/l	100
20) Methylene Chloride	2.85	84	42503	17.247	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36794	16.790	ug/l	93
22) Diisopropyl ether	3.85	45	158823	17.767	ug/l	90
23) Vinyl Acetate	3.81	43	694585	89.316	ug/l	99
24) 1,1-Dichloroethane	3.70	63	78815	17.807	ug/l	98
25) 2-Butanone	4.67	43	201537	86.611	ug/l	100
26) 2,2-Dichloropropane	4.58	77	50862	16.316	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	43707	17.347	ug/l	98
28) Bromochloromethane	5.01	49	37842	18.565	ug/l	100
29) Tetrahydrofuran	5.13	42	134178	86.879	ug/l	100
30) Chloroform	5.21	83	69421	17.561	ug/l	100
31) Cyclohexane	5.57	56	74416	16.850	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	55401	17.342	ug/l	99
36) 1,1-Dichloropropene	5.80	75	53716	16.634	ug/l	99
37) Ethyl Acetate	4.83	43	75834	17.594	ug/l	98
38) Carbon Tetrachloride	5.79	117	46305	17.325	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65182	16.340	ug/l	98
40) Benzene	6.14	78	167233	17.384	ug/l	99
41) Methacrylonitrile	5.04	41	42417	17.120	ug/l	97
42) 1,2-Dichloroethane	6.19	62	59758	17.327	ug/l	99
43) Isopropyl Acetate	6.45	43	119499	17.698	ug/l	100
44) Trichloroethene	7.21	130	38458	17.164	ug/l	96
45) 1,2-Dichloropropane	7.51	63	48054	17.501	ug/l	99
46) Dibromomethane	7.66	93	26388	16.570	ug/l	98
47) Bromodichloromethane	7.90	83	52051	17.335	ug/l	98
48) Methyl methacrylate	7.77	41	60586	17.738	ug/l	99
49) 1,4-Dioxane	7.74	88	23972	374.663	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	393444	90.518	ug/l	100
52) Toluene	8.79	92	100458	17.713	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	57458	17.083	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	65304	16.992	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	41165	18.082	ug/l	97
56) Ethyl methacrylate	9.18	69	75378	18.299	ug/l	98
57) 1,3-Dichloropropane	9.37	76	71966	17.604	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	202235	96.151	ug/l	99
59) 2-Hexanone	9.49	43	306634	90.776	ug/l	100
60) Dibromochloromethane	9.58	129	37745	17.594	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41294	17.423	ug/l	98
64) Tetrachloroethene	9.34	164	33138	16.987	ug/l	94
65) Chlorobenzene	10.13	112	101736	17.431	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	35948	17.556	ug/l	99
67) Ethyl Benzene	10.25	91	189837	17.443	ug/l	98
68) m/p-Xylenes	10.36	106	136393	34.855	ug/l	99
69) o-Xylene	10.69	106	67528	17.807	ug/l	98
70) Styrene	10.71	104	116503	17.822	ug/l	100
71) Bromoform	10.85	173	27198	17.392	ug/l #	98
73) Isopropylbenzene	11.02	105	178254	17.692	ug/l	100
74) N-amyl acetate	10.90	43	103730	17.499	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67554	17.629	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	57694m	17.274	ug/l	
77) Bromobenzene	11.26	156	42594	17.585	ug/l	99
78) n-propylbenzene	11.36	91	203902	17.381	ug/l	100
79) 2-Chlorotoluene	11.42	91	124352	17.516	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	150408	17.784	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19940	16.457	ug/l	93
82) 4-Chlorotoluene	11.51	91	140201	17.061	ug/l	99
83) tert-Butylbenzene	11.77	119	141466	17.386	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	150963	17.628	ug/l	99
85) sec-Butylbenzene	11.94	105	170135	17.603	ug/l	99
86) p-Isopropyltoluene	12.06	119	150758	17.379	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73647	16.984	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	74143	16.886	ug/l	98
89) n-Butylbenzene	12.38	91	135351	16.637	ug/l	100
90) Hexachloroethane	12.60	117	23518	16.345	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	76322	17.727	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14391	17.072	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	51807	17.307	ug/l	99
94) Hexachlorobutadiene	13.78	225	24867	17.321	ug/l	99
95) Naphthalene	13.83	128	181403	18.132	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	53654	17.939	ug/l	98

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

