

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041119\
 Data File : VX008849.D
 Acq On : 11 Apr 2019 14:11
 Operator : JC/SP
 Sample : VX0411WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/12/2019 9:45:46 AM

Quant Time: Apr 12 07:51:14 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	161684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	263619	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	112184	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	110191	46.73	ug/l	0.00
Spiked Amount			Recovery	=	93.46%	
35) Dibromofluoromethane	5.50	113	81630	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	8.71	98	329954	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	121237	50.94	ug/l	0.00
Spiked Amount			Recovery	=	101.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	42115	22.629	ug/l	100
3) Chloromethane	1.32	50	52866	22.240	ug/l	99
4) Vinyl Chloride	1.40	62	46392	18.440	ug/l	98
5) Bromomethane	1.64	94	26895	22.768	ug/l	99
6) Chloroethane	1.71	64	27465	18.055	ug/l	99
7) Trichlorofluoromethane	1.92	101	51402	18.483	ug/l	99
8) Diethyl Ether	2.18	74	23702	17.972	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32795	18.315	ug/l	98
10) Methyl Iodide	2.51	142	31951	22.027	ug/l	100
11) Tert butyl alcohol	3.05	59	52451	95.003	ug/l	98
12) 1,1-Dichloroethene	2.37	96	33631	17.992	ug/l	95
13) Acrolein	2.29	56	29187	106.616	ug/l	98
14) Allyl chloride	2.73	41	78924	18.444	ug/l	99
15) Acrylonitrile	3.14	53	132887	90.857	ug/l	100
16) Acetone	2.45	43	114839	84.547	ug/l	99
17) Carbon Disulfide	2.57	76	99994	18.052	ug/l	99
18) Methyl Acetate	2.78	43	57624	17.492	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	125492	18.799	ug/l	100
20) Methylene Chloride	2.85	84	40813	17.951	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	35697	17.656	ug/l	94
22) Diisopropyl ether	3.85	45	153359	18.595	ug/l	90
23) Vinyl Acetate	3.81	43	682877	95.177	ug/l	99
24) 1,1-Dichloroethane	3.70	63	74994	18.365	ug/l	99
25) 2-Butanone	4.67	43	197100	91.811	ug/l	99
26) 2,2-Dichloropropane	4.59	77	52416	18.225	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	41691	17.935	ug/l	99
28) Bromochloromethane	5.01	49	36882	19.794	ug/l	98
29) Tetrahydrofuran	5.13	42	132296	92.847	ug/l	98
30) Chloroform	5.21	83	66051	18.110	ug/l	100
31) Cyclohexane	5.57	56	74488	18.281	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	55540	18.844	ug/l	99
36) 1,1-Dichloropropene	5.80	75	52354	18.168	ug/l	98
37) Ethyl Acetate	4.83	43	73285	19.053	ug/l	99
38) Carbon Tetrachloride	5.78	117	44471	18.646	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	66575	18.702	ug/l	99
40) Benzene	6.14	78	161986	18.869	ug/l	99
41) Methacrylonitrile	5.04	41	40985	18.538	ug/l	99
42) 1,2-Dichloroethane	6.19	62	57187	18.582	ug/l	99
43) Isopropyl Acetate	6.45	43	115332	19.141	ug/l	100
44) Trichloroethene	7.21	130	37704	18.857	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45500	18.569	ug/l	98
46) Dibromomethane	7.66	93	25821	18.169	ug/l	99
47) Bromodichloromethane	7.90	83	49538	18.488	ug/l	99
48) Methyl methacrylate	7.77	41	58821	19.299	ug/l	98
49) 1,4-Dioxane	7.74	88	22536	394.703	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	386213	99.572	ug/l	100
52) Toluene	8.78	92	97980	19.359	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	56714	18.895	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63558	18.532	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38766	19.082	ug/l	97
56) Ethyl methacrylate	9.18	69	71689	19.503	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68546	18.790	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	187471	99.883	ug/l	99
59) 2-Hexanone	9.49	43	299148	99.242	ug/l	100
60) Dibromochloromethane	9.58	129	35894	18.750	ug/l	98
61) 1,2-Dibromoethane	9.67	107	39004	18.442	ug/l	97
64) Tetrachloroethene	9.34	164	34366	19.691	ug/l	99
65) Chlorobenzene	10.13	112	98233	18.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	34419	18.789	ug/l	99
67) Ethyl Benzene	10.25	91	185398	19.041	ug/l	100
68) m/p-Xylenes	10.36	106	134099	38.305	ug/l	99
69) o-Xylene	10.69	106	66270	19.533	ug/l	97
70) Styrene	10.71	104	113821	19.463	ug/l	99
71) Bromoform	10.85	173	26327	18.818	ug/l #	98
73) Isopropylbenzene	11.02	105	174954	18.818	ug/l	99
74) N-amyl acetate	10.90	43	101722	18.597	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	63075	17.839	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	55536m	18.021	ug/l	
77) Bromobenzene	11.26	156	41842	18.721	ug/l	98
78) n-propylbenzene	11.36	91	202214	18.680	ug/l	100
79) 2-Chlorotoluene	11.42	91	121600	18.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	147274	18.871	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19861	17.765	ug/l	93
82) 4-Chlorotoluene	11.51	91	138527	18.268	ug/l	100
83) tert-Butylbenzene	11.77	119	136383	18.165	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	148983	18.854	ug/l	100
85) sec-Butylbenzene	11.94	105	167158	18.743	ug/l	99
86) p-Isopropyltoluene	12.06	119	152891	19.101	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	74620	18.650	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	74174	18.307	ug/l	99
89) n-Butylbenzene	12.38	91	139512	18.585	ug/l	100
90) Hexachloroethane	12.60	117	23486	17.690	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	74482	18.749	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13486	17.338	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	51297	18.571	ug/l	99
94) Hexachlorobutadiene	13.78	225	25971	19.605	ug/l	98
95) Naphthalene	13.83	128	169574	18.369	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50884	18.438	ug/l	99

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

