

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043019\
 Data File : VX009239.D
 Acq On : 30 Apr 2019 12:34
 Operator : JC/SP
 Sample : VX0430WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 10:05:09 AM

Quant Time: May 01 01:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	192055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307176	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130979	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	129983	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
35) Dibromofluoromethane	5.50	113	96137	49.79	ug/l	0.00
Spiked Amount			Recovery	=	99.58%	
50) Toluene-d8	8.71	98	386113	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.13	95	137705	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	34215	19.333	ug/l	99
3) Chloromethane	1.32	50	47924	19.834	ug/l	100
4) Vinyl Chloride	1.41	62	46466	19.721	ug/l	98
5) Bromomethane	1.64	94	27266	19.280	ug/l	96
6) Chloroethane	1.72	64	29184	19.292	ug/l	97
7) Trichlorofluoromethane	1.93	101	55999	19.553	ug/l	100
8) Diethyl Ether	2.18	74	26724	19.699	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34816	19.358	ug/l	99
10) Methyl Iodide	2.51	142	35018	19.812	ug/l	100
11) Tert butyl alcohol	3.04	59	55842	92.015	ug/l	97
12) 1,1-Dichloroethene	2.37	96	35511	19.706	ug/l	99
13) Acrolein	2.29	56	47929	87.206	ug/l	99
14) Allyl chloride	2.73	41	83510	19.016	ug/l	99
15) Acrylonitrile	3.14	53	143915	96.987	ug/l	99
16) Acetone	2.44	43	132643	94.221	ug/l	100
17) Carbon Disulfide	2.57	76	95213	18.819	ug/l	98
18) Methyl Acetate	2.78	43	63975	19.108	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	135525	19.367	ug/l	99
20) Methylene Chloride	2.85	84	42955	18.845	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	38403	19.650	ug/l	97
22) Diisopropyl ether	3.85	45	166484	19.713	ug/l	95
23) Vinyl Acetate	3.81	43	727019	100.529	ug/l	99
24) 1,1-Dichloroethane	3.70	63	80139	19.235	ug/l	99
25) 2-Butanone	4.67	43	213659	97.665	ug/l	99
26) 2,2-Dichloropropane	4.58	77	56931	18.358	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	44679	19.153	ug/l	99
28) Bromochloromethane	5.01	49	33770	18.404	ug/l	100
29) Tetrahydrofuran	5.13	42	140553	99.842	ug/l	99
30) Chloroform	5.21	83	72705	19.295	ug/l	100
31) Cyclohexane	5.58	56	76326	19.691	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	59789	19.061	ug/l	99
36) 1,1-Dichloropropene	5.80	75	55123	19.310	ug/l	99
37) Ethyl Acetate	4.84	43	79353	19.951	ug/l	100
38) Carbon Tetrachloride	5.79	117	49249	18.989	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67683	19.306	ug/l	99
40) Benzene	6.14	78	172895	19.570	ug/l	99
41) Methacrylonitrile	5.04	41	45451	19.197	ug/l	97
42) 1,2-Dichloroethane	6.20	62	62315	19.663	ug/l	100
43) Isopropyl Acetate	6.45	43	122932	19.323	ug/l	99
44) Trichloroethene	7.21	130	40529	18.976	ug/l	99
45) 1,2-Dichloropropane	7.51	63	48979	19.579	ug/l	98
46) Dibromomethane	7.66	93	27962	19.248	ug/l	100
47) Bromodichloromethane	7.90	83	55418	19.124	ug/l	97
48) Methyl methacrylate	7.77	41	62885	19.923	ug/l	99
49) 1,4-Dioxane	7.74	88	23034	359.850	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	413137	99.352	ug/l	99
52) Toluene	8.79	92	104403	19.441	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	62112	18.985	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	69766	19.266	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	42854	19.560	ug/l	97
56) Ethyl methacrylate	9.18	69	75798	19.381	ug/l	99
57) 1,3-Dichloropropane	9.37	76	75200	19.505	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	207221	99.878	ug/l	100
59) 2-Hexanone	9.49	43	316886	97.029	ug/l	99
60) Dibromochloromethane	9.58	129	40441	18.899	ug/l	97
61) 1,2-Dibromoethane	9.67	107	43241	19.552	ug/l	100
64) Tetrachloroethene	9.33	164	37507	19.787	ug/l	96
65) Chlorobenzene	10.13	112	106632	19.290	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	38185	19.053	ug/l	99
67) Ethyl Benzene	10.25	91	196751	19.340	ug/l	99
68) m/p-Xylenes	10.36	106	143166	38.509	ug/l	98
69) o-Xylene	10.70	106	71747	19.560	ug/l	98
70) Styrene	10.71	104	123415	19.358	ug/l	100
71) Bromoform	10.85	173	29470	18.095	ug/l #	99
73) Isopropylbenzene	11.02	105	187291	19.664	ug/l	99
74) N-amyl acetate	10.90	43	108223	19.489	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69697	19.629	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	59844m	19.697	ug/l	
77) Bromobenzene	11.26	156	45682	19.324	ug/l	99
78) n-propylbenzene	11.36	91	214196	19.691	ug/l	100
79) 2-Chlorotoluene	11.42	91	128497	19.147	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	158658	19.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21482	18.091	ug/l	93
82) 4-Chlorotoluene	11.51	91	147036	19.394	ug/l	99
83) tert-Butylbenzene	11.77	119	150221	19.255	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	159853	19.858	ug/l	100
85) sec-Butylbenzene	11.94	105	180534	19.519	ug/l	99
86) p-Isopropyltoluene	12.06	119	162412	19.532	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	79637	18.897	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80427	18.929	ug/l	99
89) n-Butylbenzene	12.38	91	144531	19.231	ug/l	99
90) Hexachloroethane	12.60	117	26451	18.672	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	81848	19.068	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16011	20.101	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55770	18.999	ug/l	98
94) Hexachlorobutadiene	13.78	225	27999	18.679	ug/l	99
95) Naphthalene	13.83	128	192833	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58831	19.772	ug/l	99

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

