

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042319\
 Data File : VX009111.D
 Acq On : 23 Apr 2019 11:23
 Operator : JC/SP
 Sample : VX0423WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0423WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/24/2019 12:02:47 PM

Quant Time: Apr 24 05:10:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	207426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	336396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	296114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	136805	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.50	113	100354	46.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.96%	
50) Toluene-d8	8.71	98	401746	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
62) 4-Bromofluorobenzene	11.13	95	142627	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56908	23.819	ug/l	99
3) Chloromethane	1.33	50	68273	23.277	ug/l	99
4) Vinyl Chloride	1.41	62	64345	22.539	ug/l	99
5) Bromomethane	1.64	94	36074	22.474	ug/l	99
6) Chloroethane	1.72	64	38099	22.695	ug/l	97
7) Trichlorofluoromethane	1.93	101	74372	22.313	ug/l	99
8) Diethyl Ether	2.19	74	33349	21.878	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47489	22.284	ug/l	100
10) Methyl Iodide	2.51	142	48258	23.297	ug/l	99
11) Tert butyl alcohol	3.04	59	71597	110.340	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48558	21.830	ug/l	100
13) Acrolein	2.29	56	43854	78.219	ug/l	97
14) Allyl chloride	2.73	41	112367	23.154	ug/l	99
15) Acrylonitrile	3.14	53	188149	114.226	ug/l	100
16) Acetone	2.45	43	171078	112.855	ug/l	99
17) Carbon Disulfide	2.57	76	142589	22.520	ug/l	100
18) Methyl Acetate	2.78	43	85163	22.510	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	177084	22.343	ug/l	98
20) Methylene Chloride	2.86	84	57194	22.062	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	51263	21.606	ug/l	94
22) Diisopropyl ether	3.85	45	218885	23.211	ug/l	97
23) Vinyl Acetate	3.82	43	971688	117.219	ug/l	99
24) 1,1-Dichloroethane	3.70	63	106881	22.578	ug/l	99
25) 2-Butanone	4.67	43	282762	116.695	ug/l	98
26) 2,2-Dichloropropane	4.59	77	77614	21.873	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	58788	21.824	ug/l	98
28) Bromochloromethane	5.02	49	67944	33.936	ug/l	98
29) Tetrahydrofuran	5.13	42	184466	113.740	ug/l	99
30) Chloroform	5.21	83	96626	22.810	ug/l	100
31) Cyclohexane	5.58	56	104813	22.512	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	79609	22.675	ug/l	100
36) 1,1-Dichloropropene	5.80	75	74939	21.540	ug/l	100
37) Ethyl Acetate	4.84	43	105072	23.471	ug/l	99
38) Carbon Tetrachloride	5.79	117	65089	22.068	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94168	22.231	ug/l	98
40) Benzene	6.15	78	230834	22.491	ug/l	99
41) Methacrylonitrile	5.04	41	58269	22.679	ug/l	97
42) 1,2-Dichloroethane	6.19	62	82648	22.732	ug/l	99
43) Isopropyl Acetate	6.45	43	162206	22.484	ug/l	100
44) Trichloroethene	7.21	130	54220	21.561	ug/l	96
45) 1,2-Dichloropropane	7.51	63	65069	22.852	ug/l	99
46) Dibromomethane	7.66	93	36025	21.740	ug/l	99
47) Bromodichloromethane	7.90	83	72377	22.269	ug/l	98
48) Methyl methacrylate	7.77	41	82868	23.247	ug/l	99
49) 1,4-Dioxane	7.74	88	28770	431.209	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	538447	117.154	ug/l	99
52) Toluene	8.78	92	137967	22.430	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	83512	22.327	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	93910	22.422	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	55231	22.656	ug/l	98
56) Ethyl methacrylate	9.18	69	98759	22.593	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98525	22.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	246327	104.644	ug/l	99
59) 2-Hexanone	9.49	43	415054	117.132	ug/l	100
60) Dibromochloromethane	9.58	129	53596	22.939	ug/l	98
61) 1,2-Dibromoethane	9.67	107	56280	22.368	ug/l	99
64) Tetrachloroethene	9.34	164	49192	21.868	ug/l	98
65) Chlorobenzene	10.13	112	139012	22.241	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	49673	22.560	ug/l	99
67) Ethyl Benzene	10.25	91	258293	22.607	ug/l	98
68) m/p-Xylenes	10.36	106	187257	45.097	ug/l	99
69) o-Xylene	10.69	106	90054	22.289	ug/l	98
70) Styrene	10.71	104	157332	22.471	ug/l	99
71) Bromoform	10.85	173	39031	22.250	ug/l	# 99
73) Isopropylbenzene	11.02	105	244165	23.109	ug/l	99
74) N-amyl acetate	10.90	43	142024	23.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	89068	23.071	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	78973m	23.202	ug/l	
77) Bromobenzene	11.26	156	59087	22.164	ug/l	98
78) n-propylbenzene	11.36	91	280109	23.097	ug/l	100
79) 2-Chlorotoluene	11.42	91	165714	22.676	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	203952	23.003	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28843	21.755	ug/l	95
82) 4-Chlorotoluene	11.51	91	189739	22.356	ug/l	100
83) tert-Butylbenzene	11.77	119	193888	22.776	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	207551	22.996	ug/l	99
85) sec-Butylbenzene	11.94	105	232268	22.877	ug/l	100
86) p-Isopropyltoluene	12.06	119	211905	22.702	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	103187	22.115	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	104131	22.016	ug/l	99
89) n-Butylbenzene	12.38	91	194051	22.323	ug/l	99
90) Hexachloroethane	12.59	117	34378	22.327	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	103435	22.450	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18883	21.482	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	71112	21.381	ug/l	99
94) Hexachlorobutadiene	13.78	225	37058	22.340	ug/l	98
95) Naphthalene	13.83	128	230555	21.637	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71023	21.643	ug/l	99

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

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