

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043019\
 Data File : VX009236.D
 Acq On : 30 Apr 2019 11:24
 Operator : JC/SP
 Sample : VX0430WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/1/2019 10:05:02 AM

Quant Time: May 01 01:41:13 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	214264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	302020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	147594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	133534	45.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.30%	
35) Dibromofluoromethane	5.49	113	99463	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
50) Toluene-d8	8.71	98	407935	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.13	95	146060	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	39184	19.845	ug/l	99
3) Chloromethane	1.32	50	52935	19.637	ug/l	99
4) Vinyl Chloride	1.41	62	51642	19.646	ug/l	98
5) Bromomethane	1.64	94	29975	18.999	ug/l	98
6) Chloroethane	1.72	64	31808	18.847	ug/l	99
7) Trichlorofluoromethane	1.93	101	62800	19.654	ug/l	99
8) Diethyl Ether	2.18	74	29143	19.255	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39987	19.929	ug/l	100
10) Methyl Iodide	2.51	142	38729	19.680	ug/l	99
11) Tert butyl alcohol	3.04	59	62371	92.121	ug/l	100
12) 1,1-Dichloroethene	2.37	96	39797	19.795	ug/l	97
13) Acrolein	2.29	56	50545	82.433	ug/l	98
14) Allyl chloride	2.73	41	91808	18.739	ug/l	99
15) Acrylonitrile	3.14	53	154623	93.402	ug/l	99
16) Acetone	2.44	43	146370	93.194	ug/l	99
17) Carbon Disulfide	2.57	76	108294	19.186	ug/l	99
18) Methyl Acetate	2.77	43	69359	18.569	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	149183	19.109	ug/l	100
20) Methylene Chloride	2.85	84	46913	18.448	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	41777	19.161	ug/l	98
22) Diisopropyl ether	3.85	45	183634	19.490	ug/l	99
23) Vinyl Acetate	3.81	43	791791	98.137	ug/l	99
24) 1,1-Dichloroethane	3.70	63	89343	19.222	ug/l	100
25) 2-Butanone	4.67	43	233221	95.557	ug/l	100
26) 2,2-Dichloropropane	4.58	77	65414	18.907	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	49270	18.932	ug/l	100
28) Bromochloromethane	5.02	49	35209	17.009	ug/l	98
29) Tetrahydrofuran	5.13	42	150305	95.702	ug/l	99
30) Chloroform	5.21	83	80972	19.261	ug/l	100
31) Cyclohexane	5.58	56	86861	20.086	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	65697	18.773	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61916	19.550	ug/l	99
37) Ethyl Acetate	4.83	43	84362	19.118	ug/l	100
38) Carbon Tetrachloride	5.79	117	55022	19.122	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	78982	20.307	ug/l	99
40) Benzene	6.14	78	190840	19.471	ug/l	98
41) Methacrylonitrile	5.04	41	48620	18.510	ug/l	99
42) 1,2-Dichloroethane	6.19	62	67058	19.073	ug/l	100
43) Isopropyl Acetate	6.44	43	136020	19.271	ug/l	100
44) Trichloroethene	7.21	130	45196	19.074	ug/l	97
45) 1,2-Dichloropropane	7.51	63	54568	19.662	ug/l	97
46) Dibromomethane	7.66	93	30699	19.048	ug/l	99
47) Bromodichloromethane	7.90	83	60923	18.950	ug/l	99
48) Methyl methacrylate	7.77	41	67993	19.417	ug/l	100
49) 1,4-Dioxane	7.74	88	26783	377.147	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	443950	96.231	ug/l	100
52) Toluene	8.78	92	117480	19.718	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	69224	19.072	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	78316	19.494	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	46096	18.964	ug/l	95
56) Ethyl methacrylate	9.18	69	84091	19.381	ug/l	100
57) 1,3-Dichloropropane	9.37	76	83513	19.524	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	215021	93.415	ug/l	100
59) 2-Hexanone	9.49	43	347273	95.845	ug/l	100
60) Dibromochloromethane	9.58	129	45541	19.183	ug/l	100
61) 1,2-Dibromoethane	9.67	107	47749	19.461	ug/l	99
64) Tetrachloroethene	9.34	164	42222	20.380	ug/l	97
65) Chlorobenzene	10.13	112	118886	19.677	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	41849	19.106	ug/l	98
67) Ethyl Benzene	10.25	91	223086	20.063	ug/l	98
68) m/p-Xylenes	10.36	106	163239	40.174	ug/l	97
69) o-Xylene	10.69	106	78544	19.592	ug/l	98
70) Styrene	10.71	104	137828	19.780	ug/l	98
71) Bromoform	10.85	173	33079	18.583	ug/l #	99
73) Isopropylbenzene	11.02	105	215312	20.061	ug/l	99
74) N-amyl acetate	10.90	43	119488	19.096	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	75899	18.970	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	66564m	19.442	ug/l	
77) Bromobenzene	11.26	156	52281	19.625	ug/l	99
78) n-propylbenzene	11.36	91	249756	20.376	ug/l	99
79) 2-Chlorotoluene	11.42	91	147898	19.557	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	181602	20.095	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24632	18.409	ug/l	95
82) 4-Chlorotoluene	11.51	91	169458	19.835	ug/l	98
83) tert-Butylbenzene	11.77	119	174390	19.837	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	182135	20.079	ug/l	99
85) sec-Butylbenzene	11.94	105	208567	20.011	ug/l	99
86) p-Isopropyltoluene	12.06	119	191019	20.386	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	93609	19.711	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	92909	19.405	ug/l	99
89) n-Butylbenzene	12.38	91	172410	20.358	ug/l	99
90) Hexachloroethane	12.60	117	30779	19.281	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	94107	19.456	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17980	20.032	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	66305	20.046	ug/l	100
94) Hexachlorobutadiene	13.78	225	33534	19.853	ug/l	99
95) Naphthalene	13.83	128	222254	20.653	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	69153	20.625	ug/l	99

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

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