

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007757.D
 Acq On : 28 Feb 2019 11:05
 Operator : JC/SP
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 10:04:07 AM

Quant Time: Mar 01 01:48:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	311950	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	436919	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	398046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	172026	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
35) Dibromofluoromethane	5.50	113	141368	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	8.71	98	536884	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.13	95	192680	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50330	17.514	ug/l	97
3) Chloromethane	1.33	50	53574	16.824	ug/l	98
4) Vinyl Chloride	1.41	62	55866	17.100	ug/l	99
5) Bromomethane	1.64	94	35053	15.975	ug/l	99
6) Chloroethane	1.73	64	35912	17.205	ug/l	99
7) Trichlorofluoromethane	1.93	101	81766	16.326	ug/l	98
8) Diethyl Ether	2.19	74	33809	16.448	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50557	16.701	ug/l	98
10) Methyl Iodide	2.51	142	65381	17.345	ug/l	100
11) Tert butyl alcohol	3.06	59	65916	89.908	ug/l	99
12) 1,1-Dichloroethene	2.38	96	45695	16.746	ug/l	94
13) Acrolein	2.29	56	52575	80.700	ug/l	99
14) Allyl chloride	2.73	41	92210	18.276	ug/l	95
15) Acrylonitrile	3.15	53	156844	90.907	ug/l	99
16) Acetone	2.45	43	157712	91.781	ug/l	98
17) Carbon Disulfide	2.57	76	120679	15.897	ug/l	100
18) Methyl Acetate	2.78	43	71743	19.133	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	161587	17.005	ug/l	99
20) Methylene Chloride	2.86	84	51206	16.138	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	48238	16.261	ug/l	91
22) Diisopropyl ether	3.87	45	187089	17.813	ug/l	96
23) Vinyl Acetate	3.82	43	806672	87.540	ug/l	97
24) 1,1-Dichloroethane	3.70	63	93855	16.442	ug/l	97
25) 2-Butanone	4.70	43	243981	93.211	ug/l	95
26) 2,2-Dichloropropane	4.59	77	74860	16.429	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	59346	15.723	ug/l	91
28) Bromochloromethane	5.01	49	47655	17.149	ug/l	86
29) Tetrahydrofuran	5.15	42	156053	90.445	ug/l	93
30) Chloroform	5.21	83	101257	16.560	ug/l	99
31) Cyclohexane	5.57	56	92147	17.162	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	84659	16.742	ug/l	97
36) 1,1-Dichloropropene	5.80	75	75320	19.175	ug/l	97
37) Ethyl Acetate	4.85	43	88345	20.247	ug/l	99
38) Carbon Tetrachloride	5.78	117	72984	18.497	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94131	18.961	ug/l	94
40) Benzene	6.14	78	227917	18.796	ug/l	100
41) Methacrylonitrile	5.06	41	49648	21.308	ug/l	95
42) 1,2-Dichloroethane	6.20	62	81997	20.119	ug/l	99
43) Isopropyl Acetate	6.46	43	133800	19.924	ug/l	98
44) Trichloroethene	7.21	130	62960	18.875	ug/l	97
45) 1,2-Dichloropropane	7.51	63	60689	19.321	ug/l	99
46) Dibromomethane	7.66	93	38582	17.607	ug/l	99
47) Bromodichloromethane	7.90	83	70775	18.637	ug/l	97
48) Methyl methacrylate	7.77	41	71152	20.213	ug/l	93
49) 1,4-Dioxane	7.75	88	28313	372.392	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	453469	100.877	ug/l	99
52) Toluene	8.78	92	144245	18.865	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	76481	18.095	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86275	18.722	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	59062	18.523	ug/l	99
56) Ethyl methacrylate	9.18	69	86186	19.007	ug/l	95
57) 1,3-Dichloropropane	9.37	76	97551	19.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	260343	104.118	ug/l	97
59) 2-Hexanone	9.49	43	349454	99.018	ug/l	98
60) Dibromochloromethane	9.58	129	57503	18.742	ug/l	100
61) 1,2-Dibromoethane	9.67	107	61480	18.571	ug/l	99
64) Tetrachloroethene	9.34	164	66625	20.618	ug/l	98
65) Chlorobenzene	10.13	112	158914	18.459	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	56010	18.651	ug/l	99
67) Ethyl Benzene	10.25	91	265072	18.587	ug/l	100
68) m/p-Xylenes	10.36	106	206074	37.144	ug/l	96
69) o-Xylene	10.69	106	98484	18.455	ug/l	96
70) Styrene	10.71	104	161636	18.427	ug/l	98
71) Bromoform	10.85	173	43421	19.282	ug/l #	99
73) Isopropylbenzene	11.02	105	267948	18.022	ug/l	99
74) N-amyl acetate	10.90	43	115190	17.841	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87480	17.012	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	75590m	17.047	ug/l	
77) Bromobenzene	11.26	156	71576	19.193	ug/l	93
78) n-propylbenzene	11.36	91	303802	18.082	ug/l	97
79) 2-Chlorotoluene	11.42	91	180544	17.847	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	224084	18.323	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	23728	16.486	ug/l	92
82) 4-Chlorotoluene	11.51	91	209163	17.674	ug/l	99
83) tert-Butylbenzene	11.77	119	216168	18.409	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	228435	18.261	ug/l	99
85) sec-Butylbenzene	11.94	105	268200	18.227	ug/l	99
86) p-Isopropyltoluene	12.06	119	240271	18.646	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126353	18.266	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	128464	18.134	ug/l	99
89) n-Butylbenzene	12.39	91	200765	17.470	ug/l	99
90) Hexachloroethane	12.60	117	37227	17.145	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	128098	18.508	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18145	16.194	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87259	20.654	ug/l	100
94) Hexachlorobutadiene	13.78	225	48944	25.324	ug/l	98
95) Naphthalene	13.83	128	250654	18.312	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	86877	20.480	ug/l	99

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

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