

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010819\
 Data File : VX006949.D
 Acq On : 08 Jan 2019 11:58
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 10:24:52 AM

Quant Time: Jan 08 13:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 13:13:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	576782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	865972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	744577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	367195	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	32249	5.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.38%	
35) Dibromofluoromethane	5.50	113	28313	5.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.34%	
50) Toluene-d8	8.71	98	102583	4.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.94%	
62) 4-Bromofluorobenzene	11.14	95	34312	4.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.08%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	19915	3.774 ug/l	99
3) Chloromethane	1.33	50	26845	4.722 ug/l	100
4) Vinyl Chloride	1.41	62	27758	4.675 ug/l	97
5) Bromomethane	1.64	94	37474	5.805 ug/l	99
6) Chloroethane	1.71	64	20378	4.957 ug/l	98
7) Trichlorofluoromethane	1.92	101	48066	5.193 ug/l	98
8) Diethyl Ether	2.19	74	20097	5.466 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	30105	5.539 ug/l	97
10) Methyl Iodide	2.51	142	31516	4.051 ug/l	95
11) Tert butyl alcohol	3.08	59	41045	29.586 ug/l	97
12) 1,1-Dichloroethene	2.37	96	27824	5.399 ug/l	95
13) Acrolein	2.30	56	21258	22.714 ug/l	96
14) Allyl chloride	2.73	41	45066	5.195 ug/l	100
15) Acrylonitrile	3.15	53	85530	27.767 ug/l	98
16) Acetone	2.45	43	79347	27.783 ug/l	95
17) Carbon Disulfide	2.57	76	60927	4.468 ug/l	100
18) Methyl Acetate	2.78	43	48729	5.803 ug/l	99
19) Methyl tert-butyl Ether	3.21	73	99975	5.845 ug/l	99
20) Methylene Chloride	2.86	84	34080	5.771 ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	30256	5.299 ug/l	95
22) Diisopropyl ether	3.87	45	92983	5.859 ug/l	95
23) Vinyl Acetate	3.82	43	373660	28.786 ug/l	99
24) 1,1-Dichloroethane	3.70	63	52040	5.493 ug/l	99
25) 2-Butanone	4.70	43	115823	28.831 ug/l	97
26) 2,2-Dichloropropane	4.58	77	37195	5.083 ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	34608	5.493 ug/l	96
28) Bromochloromethane	5.02	49	20020	4.596 ug/l	94
29) Tetrahydrofuran	5.16	42	72595	27.437 ug/l	98
30) Chloroform	5.21	83	53182	5.421 ug/l	97
31) Cyclohexane	5.57	56	45048	5.234 ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	43094	5.202 ug/l	98
36) 1,1-Dichloropropene	5.80	75	38672	5.392 ug/l	97
37) Ethyl Acetate	4.86	43	43153	5.781 ug/l	98
38) Carbon Tetrachloride	5.78	117	36118	5.182 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49053	5.195	ug/l	97
40) Benzene	6.14	78	121923	5.592	ug/l	94
41) Methacrylonitrile	5.05	41	23535	5.938	ug/l	97
42) 1,2-Dichloroethane	6.20	62	42049	5.660	ug/l	98
43) Isopropyl Acetate	6.46	43	64365	5.667	ug/l	100
44) Trichloroethene	7.21	130	35703	5.411	ug/l	93
45) 1,2-Dichloropropane	7.52	63	31554	5.948	ug/l #	87
46) Dibromomethane	7.66	93	20072	5.144	ug/l	94
47) Bromodichloromethane	7.90	83	32454	5.009	ug/l	96
48) Methyl methacrylate	7.77	41	32928	5.701	ug/l	100
49) 1,4-Dioxane	7.76	88	16920	103.532	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	208292	28.821	ug/l	98
52) Toluene	8.78	92	78214	5.553	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	34241	4.928	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	39030	5.119	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	30009	5.205	ug/l	93
56) Ethyl methacrylate	9.18	69	42421	5.206	ug/l	96
57) 1,3-Dichloropropane	9.37	76	51385	5.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	111309	25.699	ug/l	98
59) 2-Hexanone	9.49	43	159019	28.758	ug/l	98
60) Dibromochloromethane	9.58	129	25034	4.714	ug/l	97
61) 1,2-Dibromoethane	9.67	107	33175	5.413	ug/l	100
64) Tetrachloroethene	9.33	164	34949	5.928	ug/l	92
65) Chlorobenzene	10.14	112	87261	5.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	27306	5.556	ug/l	98
67) Ethyl Benzene	10.25	91	141158	5.484	ug/l	100
68) m/p-Xylenes	10.36	106	109980	10.828	ug/l	100
69) o-Xylene	10.70	106	52710	5.255	ug/l	95
70) Styrene	10.71	104	82781	5.217	ug/l	98
71) Bromoform	10.86	173	17288	4.621	ug/l #	93
73) Isopropylbenzene	11.02	105	142886	5.688	ug/l	100
74) N-amyl acetate	10.90	43	52620	5.852	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	45316	6.066	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	39250m	5.752	ug/l	
77) Bromobenzene	11.26	156	37247	5.484	ug/l	96
78) n-propylbenzene	11.36	91	154830	5.597	ug/l	96
79) 2-Chlorotoluene	11.42	91	91821	5.477	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	116275	5.620	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	8457	4.439	ug/l #	77
82) 4-Chlorotoluene	11.51	91	105385	5.480	ug/l	98
83) tert-Butylbenzene	11.77	119	112225	5.419	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	118389	5.440	ug/l	99
85) sec-Butylbenzene	11.94	105	138679	5.462	ug/l	99
86) p-Isopropyltoluene	12.06	119	122298	5.480	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	66964	5.471	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70138	5.590	ug/l	97
89) n-Butylbenzene	12.39	91	99370	5.232	ug/l	98
90) Hexachloroethane	12.60	117	14233	4.682	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	69298	5.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7605	4.920	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	43637	5.167	ug/l	99
94) Hexachlorobutadiene	13.78	225	19590	4.921	ug/l	99
95) Naphthalene	13.83	128	135325	5.020	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	43877	5.032	ug/l	99

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

