

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003240.D
 Acq On : 09 Jul 2018 11:49
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:43 PM

Quant Time: Jul 09 15:11:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 14:57:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	254091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	316972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	22388	6.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.74%	
35) Dibromofluoromethane	5.50	113	19434	7.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.48%	
50) Toluene-d8	8.72	98	60963	6.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.30%	
62) 4-Bromofluorobenzene	11.14	95	20860	5.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	15943	6.32	ug/l	94
3) Chloromethane	1.32	50	17616	6.65	ug/l	95
4) Vinyl Chloride	1.40	62	17232	6.00	ug/l	99
5) Bromomethane	1.64	94	6615	3.73	ug/l	99
6) Chloroethane	1.72	64	10337	5.41	ug/l	100
7) Trichlorofluoromethane	1.92	101	25355	5.23	ug/l	97
8) Diethyl Ether	2.19	74	9460	5.37	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	15153	5.40	ug/l	95
10) Methyl Iodide	2.51	142	11397	4.35	ug/l	95
11) Tert butyl alcohol	3.08	59	18246	26.08	ug/l	95
12) 1,1-Dichloroethene	2.37	96	13507	5.39	ug/l	92
13) Acrolein	2.29	56	16204	39.01	ug/l	99
14) Allyl chloride	2.73	41	24783	5.02	ug/l	94
15) Acrylonitrile	3.15	53	40221	26.91	ug/l	98
16) Acetone	2.45	43	34878	23.98	ug/l	95
17) Carbon Disulfide	2.56	76	36865	5.52	ug/l	99
18) Methyl Acetate	2.78	43	18166	4.47	ug/l	92
19) Methyl tert-butyl Ether	3.21	73	47330	5.25	ug/l	97
20) Methylene Chloride	2.86	84	15521	5.48	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	14749	5.40	ug/l	94
22) Diisopropyl ether	3.88	45	52219	5.53	ug/l	95
23) Vinyl Acetate	3.83	43	224739	28.11	ug/l	96
24) 1,1-Dichloroethane	3.70	63	27566	5.37	ug/l	98
25) 2-Butanone	4.71	43	61927	28.69	ug/l	94
26) 2,2-Dichloropropane	4.58	77	23582	5.65	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	18212	5.95	ug/l	67
28) Bromochloromethane	5.02	49	13980	5.69	ug/l	89
29) Tetrahydrofuran	5.17	42	40677	29.39	ug/l	97
30) Chloroform	5.22	83	29920	5.68	ug/l	93
31) Cyclohexane	5.57	56	24279	5.51	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	25730	5.55	ug/l	98
36) 1,1-Dichloropropene	5.81	75	21280	6.12	ug/l	96
37) Ethyl Acetate	4.86	43	23388	6.25	ug/l #	92
38) Carbon Tetrachloride	5.78	117	23128	6.06	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	24312	6.00	ug/l	97
40) Benzene	6.15	78	64779	6.41	ug/l	99
41) Methacrylonitrile	5.07	41	13260	6.15	ug/l	94
42) 1,2-Dichloroethane	6.20	62	24644	6.04	ug/l	96
43) Isopropyl Acetate	6.47	43	36401	5.80	ug/l	96
44) Trichloroethene	7.21	130	19256	6.39	ug/l	93
45) 1,2-Dichloropropane	7.52	63	16773	6.26	ug/l	99
46) Dibromomethane	7.67	93	11523	6.20	ug/l	94
47) Bromodichloromethane	7.90	83	20393	5.93	ug/l	98
48) Methyl methacrylate	7.78	41	18043	5.58	ug/l	95
49) 1,4-Dioxane	7.76	88	8416	133.75	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	116493	29.66	ug/l	99
52) Toluene	8.79	92	40735	6.30	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	23200	5.96	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	20003	5.34	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	17051	6.41	ug/l	98
56) Ethyl methacrylate	9.18	69	21591	5.56	ug/l	93
57) 1,3-Dichloropropane	9.38	76	27813	6.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	55169	29.43	ug/l	98
59) 2-Hexanone	9.50	43	86700	29.05	ug/l	97
60) Dibromochloromethane	9.59	129	16132	5.76	ug/l	100
61) 1,2-Dibromoethane	9.68	107	17939	6.43	ug/l	99
64) Tetrachloroethene	9.34	164	22157	6.98	ug/l	97
65) Chlorobenzene	10.14	112	46602	6.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	16781	6.37	ug/l	99
67) Ethyl Benzene	10.26	91	74441	6.22	ug/l	99
68) m/p-Xylenes	10.36	106	57789	12.52	ug/l	97
69) o-Xylene	10.70	106	27786	6.18	ug/l	96
70) Styrene	10.71	104	43776	6.00	ug/l	98
71) Bromoform	10.86	173	12167	5.88	ug/l #	99
73) Isopropylbenzene	11.02	105	74811	5.72	ug/l	99
74) N-amyl acetate	6.47	43	36401	5.69	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	24845	6.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	21623m	6.15	ug/l	
77) Bromobenzene	11.26	156	22195	5.96	ug/l	97
78) n-propylbenzene	11.37	91	83203	5.59	ug/l	99
79) 2-Chlorotoluene	11.42	91	52974	5.88	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	62235	5.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	5407	5.21	ug/l	92
82) 4-Chlorotoluene	11.51	91	60114	5.64	ug/l	97
83) tert-Butylbenzene	11.77	119	61107	5.63	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	63427	5.56	ug/l	97
85) sec-Butylbenzene	11.95	105	72285	5.49	ug/l	98
86) p-Isopropyltoluene	12.07	119	65325	5.52	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	39717	5.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	40899	5.85	ug/l	96
89) n-Butylbenzene	12.39	91	51601	5.01	ug/l	100
90) Hexachloroethane	12.60	117	9272	5.27	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	40889	5.96	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	4641	5.13	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	26528	5.31	ug/l	97
94) Hexachlorobutadiene	13.79	225	13794	5.54	ug/l	97
95) Naphthalene	13.83	128	70763	5.32	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	28486	5.71	ug/l	99

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

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