

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX060418\
 Data File : VX002253.D
 Acq On : 04 Jun 2018 10:06
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/5/2018 5:56:00 PM

Quant Time: Jun 05 02:12:17 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 02:06:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186870	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2639	1.04	ug/l	89
3) Chloromethane	1.32	50	4048	1.22	ug/l	99
4) Vinyl Chloride	1.41	62	3346	1.05	ug/l	92
5) Bromomethane	1.64	94	4819	1.90	ug/l	85
6) Chloroethane	1.71	64	2268	1.10	ug/l	93
7) Trichlorofluoromethane	1.93	101	5170	1.07	ug/l	95
8) Diethyl Ether	2.19	74	2354	1.19	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2749	1.05	ug/l	93
12) 1,1-Dichloroethene	2.37	96	2888	1.12	ug/l	95
14) Allyl chloride	2.73	41	6616	1.18	ug/l	97
15) Acrylonitrile	3.15	53	9252	5.58	ug/l	99
16) Acetone	2.45	43	10032	5.77	ug/l	99
17) Carbon Disulfide	2.57	76	7563	1.11	ug/l	98
18) Methyl Acetate	2.78	43	5054	1.23	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	11669	1.14	ug/l	97
20) Methylene Chloride	2.86	84	5224	1.51	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	3320	1.16	ug/l	84
22) Diisopropyl ether	3.87	45	12676	1.21	ug/l	95
23) Vinyl Acetate	3.82	43	52873	5.81	ug/l	99
24) 1,1-Dichloroethane	3.70	63	6038	1.09	ug/l	96
25) 2-Butanone	4.71	43	12784	5.36	ug/l	94
26) 2,2-Dichloropropane	4.59	77	4897	1.13	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	3555	1.15	ug/l #	1
28) Bromochloromethane	5.01	49	3167	1.18	ug/l #	91
29) Tetrahydrofuran	5.18	42	8588	5.59	ug/l	95
30) Chloroform	5.21	83	5966	1.11	ug/l #	76
31) Cyclohexane	5.57	56	4767	1.09	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	4600	1.01	ug/l #	49
36) 1,1-Dichloropropene	5.80	75	4239	1.10	ug/l #	89
37) Ethyl Acetate	4.86	43	4784	1.03	ug/l #	79
38) Carbon Tetrachloride	5.79	117	3988	0.99	ug/l	90
39) Methylcyclohexane	7.46	83	4272	0.97	ug/l	89
40) Benzene	6.15	78	12700	1.07	ug/l	94
41) Methacrylonitrile	5.06	41	2911	1.10	ug/l #	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	6.20	62	5197	1.11	ug/l	94
43) Isopropyl Acetate	6.46	43	8492	1.08	ug/l	97
44) Trichloroethene	7.21	130	3265	1.00	ug/l	97
45) 1,2-Dichloropropane	7.52	63	3490	1.09	ug/l	98
46) Dibromomethane	7.67	93	2534	1.17	ug/l	90
47) Bromodichloromethane	7.90	83	3932	1.00	ug/l	90
48) Methyl methacrylate	7.78	41	4070	1.03	ug/l	95
49) 1,4-Dioxane	7.76	88	1509	20.40	ug/l #	77
51) 4-Methyl-2-Pentanone	8.65	43	23856	4.86	ug/l	98
52) Toluene	8.79	92	7494	1.00	ug/l	96
53) t-1,3-Dichloropropene	8.44	75	4417	0.94	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	3927	0.89	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	3190	1.03	ug/l	92
56) Ethyl methacrylate	9.19	69	5087	1.03	ug/l	95
57) 1,3-Dichloropropane	9.37	76	5574	1.07	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	11276	4.93	ug/l	100
59) 2-Hexanone	9.50	43	17922	4.73	ug/l	98
60) Dibromochloromethane	9.59	129	2575	0.83	ug/l	95
61) 1,2-Dibromoethane	9.68	107	3171	0.98	ug/l	98
64) Tetrachloroethene	9.34	164	3613	1.03	ug/l	92
65) Chlorobenzene	10.14	112	9052	1.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3018	0.98	ug/l #	67
67) Ethyl Benzene	10.26	91	13711	0.97	ug/l	94
68) m/p-Xylenes	10.37	106	10832	1.97	ug/l	96
69) o-Xylene	10.70	106	5451	0.99	ug/l	99
70) Styrene	10.71	104	8162	0.91	ug/l	94
71) Bromoform	10.86	173	2109	0.87	ug/l #	95
73) Isopropylbenzene	11.02	105	13226	1.02	ug/l	98
74) N-amyl acetate	6.46	43	8492	1.21	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	4805	1.18	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	4599m	1.23	ug/l	
77) Bromobenzene	11.26	156	3955	1.08	ug/l	97
78) n-propylbenzene	11.37	91	13829	0.96	ug/l	98
79) 2-Chlorotoluene	11.43	91	10094	1.11	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	11436	1.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	1074	0.92	ug/l #	63
82) 4-Chlorotoluene	11.51	91	10737	1.02	ug/l	99
83) tert-Butylbenzene	11.77	119	11024	1.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	11806	1.03	ug/l	98
85) sec-Butylbenzene	11.95	105	11782	0.93	ug/l	96
86) p-Isopropyltoluene	12.07	119	10624	0.92	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	7045	1.08	ug/l	96
88) 1,4-Dichlorobenzene	12.10	146	7817m	1.16	ug/l	
89) n-Butylbenzene	12.39	91	8284	0.85	ug/l	98
90) Hexachloroethane	12.60	117	1677	0.91	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	7378	1.09	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	787	0.88	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	4807	1.02	ug/l	98
94) Hexachlorobutadiene	13.79	225	2046	0.87	ug/l	91
95) Naphthalene	13.84	128	13706	1.01	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4994	1.03	ug/l	97

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

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