

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101118\
 Data File : VU027582.D
 Acq On : 11 Oct 2018 08:22
 Operator : MD/SY
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/16/2018 2:22:48 PM

Quant Time: Oct 12 09:28:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 09:56:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	110472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	187545	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	164219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	71273	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	1.21	85	1157	0.73	ug/l	94
3) Chloromethane	1.33	50	1910	0.89	ug/l	100
4) Vinyl Chloride	1.40	62	1640	0.81	ug/l	100
5) Bromomethane	1.62	94	1042	1.19	ug/l	92
6) Chloroethane	1.70	64	1279m	1.05	ug/l	
7) Trichlorofluoromethane	1.88	101	1975	0.96	ug/l	87
8) Diethyl Ether	2.10	74	749	0.79	ug/l	55
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1100	0.92	ug/l	96
12) 1,1-Dichloroethene	2.28	96	1117	0.96	ug/l	94
14) Allyl chloride	2.59	41	2784	1.00	ug/l #	87
15) Acrylonitrile	2.94	53	4127	4.08	ug/l	96
16) Acetone	2.32	43	6397	5.87	ug/l	97
17) Carbon Disulfide	2.48	76	3737	0.89	ug/l	99
18) Methyl Acetate	2.62	43	2586	1.04	ug/l #	87
19) Methyl tert-butyl Ether	3.00	73	3926	0.84	ug/l	98
20) Methylene Chloride	2.70	84	1590	1.05	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	1192	0.91	ug/l	89
22) Diisopropyl ether	3.58	45	4634	0.82	ug/l #	74
23) Vinyl Acetate	3.53	43	18441	3.75	ug/l	98
24) 1,1-Dichloroethane	3.45	63	2684	0.93	ug/l #	85
25) 2-Butanone	4.28	43	6314	4.25	ug/l	96
26) 2,2-Dichloropropane	4.22	77	2391	1.00	ug/l #	77
27) cis-1,2-Dichloroethene	4.23	96	1165	0.78	ug/l	87
28) Bromochloromethane	4.55	49	1364	0.98	ug/l #	82
29) Tetrahydrofuran	4.65	42	3732	3.98	ug/l	95
30) Chloroform	4.68	83	2322	0.90	ug/l	90
31) Cyclohexane	4.99	56	4887	1.44	ug/l #	40
32) 1,1,1-Trichloroethane	4.92	97	1946	0.90	ug/l #	40
36) 1,1-Dichloropropene	5.14	75	1619	0.80	ug/l	87
37) Ethyl Acetate	4.40	43	1615	0.61	ug/l #	70
38) Carbon Tetrachloride	5.14	117	1556	0.85	ug/l #	93
39) Methylcyclohexane	6.42	83	1800	0.76	ug/l	96
40) Benzene	5.40	78	5458	0.92	ug/l	95
41) Methacrylonitrile	4.55	41	962	0.65	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.41	62	1940	0.88	ug/l #	76
43) Isopropyl Acetate	5.56	43	3073	0.75	ug/l #	90
44) Trichloroethene	6.19	130	1103	0.83	ug/l	88
45) 1,2-Dichloropropane	6.43	63	1428	0.83	ug/l	97
46) Dibromomethane	6.57	93	870	0.90	ug/l	96
47) Bromodichloromethane	6.76	83	1826	0.91	ug/l #	93
48) Methyl methacrylate	6.64	41	1331	0.65	ug/l	97
49) 1,4-Dioxane	6.63	88	553	15.81	ug/l #	70
51) 4-Methyl-2-Pentanone	7.47	43	10110	3.81	ug/l	94
52) Toluene	7.64	92	2591	0.74	ug/l	93
53) t-1,3-Dichloropropene	7.89	75	1616	0.69	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	2027	0.80	ug/l #	94
55) 1,1,2-Trichloroethane	8.07	97	1178	0.85	ug/l #	79
56) Ethyl methacrylate	8.03	69	1447	0.63	ug/l	96
57) 1,3-Dichloropropane	8.25	76	2311	0.86	ug/l	93
58) 2-Chloroethyl Vinyl ether	7.13	63	4497	3.48	ug/l	99
59) 2-Hexanone	8.37	43	7520	3.65	ug/l	88
60) Dibromochloromethane	8.48	129	1083	0.78	ug/l	96
61) 1,2-Dibromoethane	8.59	107	1283	0.87	ug/l	90
64) Tetrachloroethene	8.23	164	942	0.92	ug/l	91
65) Chlorobenzene	9.12	112	3330	0.96	ug/l	95
66) 1,1,1,2-Tetrachloroethane	9.21	131	951	0.80	ug/l #	53
67) Ethyl Benzene	9.25	91	4706	0.77	ug/l	97
68) m/p-Xylenes	9.38	106	3187	1.42	ug/l	99
69) o-Xylene	9.78	106	1563	0.73	ug/l	91
70) Styrene	9.80	104	2295	0.66	ug/l	92
71) Bromoform	9.96	173	719	0.75	ug/l #	84
73) Isopropylbenzene	10.17	105	3640	0.70	ug/l	98
74) N-amyl acetate	10.02	43	2066	0.70	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	10.46	83	2267	1.12	ug/l #	90
76) 1,2,3-Trichloropropane	10.49	75	1605m	0.87	ug/l	
77) Bromobenzene	10.46	156	1091	0.91	ug/l	95
78) n-propylbenzene	10.59	91	4555	0.73	ug/l	92
79) 2-Chlorotoluene	10.67	91	3183	0.85	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	2830	0.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	508m	0.72	ug/l	
82) 4-Chlorotoluene	10.78	91	3170	0.74	ug/l	99
83) tert-Butylbenzene	11.10	119	3075	0.75	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	2645	0.61	ug/l	88
85) sec-Butylbenzene	11.32	105	3297	0.64	ug/l	93
86) p-Isopropyltoluene	11.48	119	2866	0.65	ug/l	94
87) 1,3-Dichlorobenzene	11.42	146	2017	0.89	ug/l	95
88) 1,4-Dichlorobenzene	11.51	146	2524m	1.08	ug/l	
89) n-Butylbenzene	11.89	91	2470	0.60	ug/l	89
90) Hexachloroethane	12.15	117	725	0.88	ug/l	88
91) 1,2-Dichlorobenzene	11.88	146	2019	0.91	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.66	75	347	0.77	ug/l	82
93) 1,2,4-Trichlorobenzene	13.51	180	739	0.52	ug/l	93
94) Hexachlorobutadiene	13.70	225	632	0.87	ug/l	95
95) Naphthalene	13.75	128	1977	0.41	ug/l #	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.99	180	1128	0.75	ug/l	69

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

