

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072718\
 Data File : VU025658.D
 Acq On : 27 Jul 2018 09:52
 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
 7/31/2018 3:47:41 PM

Quant Time: Jul 27 12:57:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 12:00:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	181867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	267220	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	256694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	149420	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	2198	1.17	ug/l	100
3) Chloromethane	1.33	50	2502	1.17	ug/l	92
4) Vinyl Chloride	1.41	62	2406	1.16	ug/l	98
5) Bromomethane	1.63	94	1265	0.84	ug/l #	63
6) Chloroethane	1.70	64	1476	1.02	ug/l	99
7) Trichlorofluoromethane	1.89	101	3210	0.99	ug/l #	77
8) Diethyl Ether	2.10	74	1362	1.12	ug/l	56
9) 1,1,2-Trichlorotrifluoroet	2.29	101	1890	0.94	ug/l	89
12) 1,1-Dichloroethene	2.29	96	2050	1.11	ug/l	95
14) Allyl chloride	2.60	41	3503	1.05	ug/l	96
15) Acrylonitrile	2.94	53	5706	4.50	ug/l	97
16) Acetone	2.32	43	7882	5.17	ug/l	100
17) Carbon Disulfide	2.48	76	6684	1.17	ug/l	96
18) Methyl Acetate	2.62	43	2877	0.99	ug/l	94
19) Methyl tert-butyl Ether	3.00	73	6850	0.98	ug/l	93
20) Methylene Chloride	2.70	84	2694	1.07	ug/l #	83
21) trans-1,2-Dichloroethene	2.99	96	2261	1.07	ug/l	97
22) Diisopropyl ether	3.57	45	6467	0.95	ug/l	97
23) Vinyl Acetate	3.53	43	27974	4.67	ug/l	98
24) 1,1-Dichloroethane	3.45	63	3999	1.04	ug/l #	95
25) 2-Butanone	4.27	43	8834	4.51	ug/l	91
26) 2,2-Dichloropropane	4.23	77	3894	1.05	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	2562	1.05	ug/l	51
28) Bromochloromethane	4.55	49	1952	1.05	ug/l #	99
29) Tetrahydrofuran	4.64	42	5215	4.44	ug/l	94
30) Chloroform	4.68	83	4496	1.10	ug/l	97
31) Cyclohexane	5.00	56	7161	1.67	ug/l #	61
32) 1,1,1-Trichloroethane	4.92	97	3844	1.04	ug/l #	49
36) 1,1-Dichloropropene	5.14	75	2838	0.96	ug/l #	81
37) Ethyl Acetate	4.39	43	2558	0.77	ug/l #	76
38) Carbon Tetrachloride	5.14	117	3386	1.06	ug/l	99
39) Methylcyclohexane	6.43	83	3299	0.89	ug/l	94
40) Benzene	5.39	78	9280	1.08	ug/l	92
41) Methacrylonitrile	4.55	41	1601	0.87	ug/l #	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.41	62	3398	1.00	ug/l	91
43) Isopropyl Acetate	5.56	43	5025	0.95	ug/l #	86
44) Trichloroethene	6.19	130	2628	1.07	ug/l	94
45) 1,2-Dichloropropane	6.43	63	2351	1.05	ug/l	94
46) Dibromomethane	6.57	93	1689	1.04	ug/l	90
47) Bromodichloromethane	6.76	83	3037	1.00	ug/l #	82
48) Methyl methacrylate	6.63	41	2097	0.79	ug/l	96
49) 1,4-Dioxane	6.62	88	1222	19.20	ug/l #	92
51) 4-Methyl-2-Pentanone	7.46	43	13917	4.04	ug/l	100
52) Toluene	7.64	92	5204	0.96	ug/l	99
53) t-1,3-Dichloropropene	7.89	75	3310	0.99	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	3265	0.92	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	2108	0.93	ug/l #	86
56) Ethyl methacrylate	8.02	69	2722	0.77	ug/l	93
57) 1,3-Dichloropropane	8.25	76	3814	1.01	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	4898	3.92	ug/l	97
59) 2-Hexanone	8.36	43	10182	3.64	ug/l	98
60) Dibromochloromethane	8.48	129	2661	1.09	ug/l	83
61) 1,2-Dibromoethane	8.59	107	2398	0.99	ug/l	96
64) Tetrachloroethene	8.23	164	2323	0.99	ug/l	93
65) Chlorobenzene	9.12	112	6588	1.03	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.21	131	2005	0.87	ug/l #	59
67) Ethyl Benzene	9.25	91	10443	0.96	ug/l	97
68) m/p-Xylenes	9.38	106	7106	1.68	ug/l	93
69) o-Xylene	9.78	106	3719	0.88	ug/l	85
70) Styrene	9.80	104	5438	0.81	ug/l	97
71) Bromoform	9.96	173	1764	0.89	ug/l #	99
73) Isopropylbenzene	10.17	105	9768	0.86	ug/l	98
74) N-amyl acetate	10.02	43	3577	0.72	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.46	83	3466	0.93	ug/l	91
76) 1,2,3-Trichloropropane	10.50	75	3237m	0.95	ug/l	
77) Bromobenzene	10.46	156	2897	0.99	ug/l	91
78) n-propylbenzene	10.59	91	11192	0.88	ug/l	99
79) 2-Chlorotoluene	10.66	91	6683	0.84	ug/l	96
80) 1,3,5-Trimethylbenzene	10.78	105	7767	0.81	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	1142m	0.96	ug/l	
82) 4-Chlorotoluene	10.78	91	7056	0.79	ug/l	94
83) tert-Butylbenzene	11.10	119	8135	0.84	ug/l	94
84) 1,2,4-Trimethylbenzene	11.15	105	7362	0.75	ug/l	96
85) sec-Butylbenzene	11.33	105	9360	0.82	ug/l	98
86) p-Isopropyltoluene	11.48	119	8011	0.79	ug/l	90
87) 1,3-Dichlorobenzene	11.42	146	5152	0.97	ug/l	96
88) 1,4-Dichlorobenzene	11.51	146	5843	1.07	ug/l	91
89) n-Butylbenzene	11.90	91	7587	0.91	ug/l	98
90) Hexachloroethane	12.15	117	1495	0.87	ug/l	94
91) 1,2-Dichlorobenzene	11.89	146	4849	0.90	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.67	75	795m	0.88	ug/l	
93) 1,2,4-Trichlorobenzene	13.51	180	2819	0.80	ug/l	98
94) Hexachlorobutadiene	13.70	225	1834	0.95	ug/l	94
95) Naphthalene	13.75	128	6449	0.53	ug/l #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.00	180	2742	0.72	ug/l	87

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

