

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112818\
 Data File : VU028352.D
 Acq On : 28 Nov 2018 09:11
 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
 11/29/2018 1:22:37 PM

Quant Time: Nov 29 00:43:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U112818W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 29 00:29:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	225022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	398782	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	352877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	154801	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	2893	0.958	ug/l	97
3) Chloromethane	1.33	50	6009	1.027	ug/l	97
4) Vinyl Chloride	1.40	62	4035	0.986	ug/l	100
5) Bromomethane	1.63	94	1592	1.005	ug/l #	80
6) Chloroethane	1.70	64	2506	1.064	ug/l #	80
7) Trichlorofluoromethane	1.89	101	4233	0.995	ug/l	100
8) Diethyl Ether	2.10	74	2233	1.130	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	2.29	101	2614	1.055	ug/l	95
12) 1,1-Dichloroethene	2.28	96	2206	0.918	ug/l	89
14) Allyl chloride	2.59	41	6029	0.960	ug/l	90
15) Acrylonitrile	2.94	53	10186	4.507	ug/l	95
16) Acetone	2.32	43	12572	5.465	ug/l	100
17) Carbon Disulfide	2.48	76	10402	1.127	ug/l #	94
18) Methyl Acetate	2.62	43	6349	0.991	ug/l	96
19) Methyl tert-butyl Ether	3.00	73	9549	0.969	ug/l #	88
20) Methylene Chloride	2.70	84	4965	1.395	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	2816	1.010	ug/l #	80
22) Diisopropyl ether	3.58	45	11605m	0.939	ug/l	
23) Vinyl Acetate	3.53	43	45166	4.394	ug/l	98
24) 1,1-Dichloroethane	3.44	63	5184	0.850	ug/l #	94
25) 2-Butanone	4.27	43	15337	4.652	ug/l	95
26) 2,2-Dichloropropane	4.22	77	4835	0.999	ug/l	95
27) cis-1,2-Dichloroethene	4.22	96	3529	1.070	ug/l	94
28) Bromochloromethane	4.56	49	2945	0.966	ug/l #	96
29) Tetrahydrofuran	4.65	42	9016	4.212	ug/l	95
30) Chloroform	4.67	83	5931	1.054	ug/l	92
31) Cyclohexane	4.99	56	11212	1.549	ug/l #	44
32) 1,1,1-Trichloroethane	4.92	97	4144	0.918	ug/l #	54
36) 1,1-Dichloropropene	5.14	75	4718	1.081	ug/l #	83
37) Ethyl Acetate	4.39	43	5013	0.843	ug/l #	87
38) Carbon Tetrachloride	5.14	117	3486	0.973	ug/l #	82
39) Methylcyclohexane	6.41	83	5172	1.005	ug/l	89
40) Benzene	5.39	78	11695	0.905	ug/l #	89
41) Methacrylonitrile	4.55	41	2627	0.795	ug/l #	63

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

42) 1,2-Dichloroethane	5.40	62	4467	0.959	ug/l	89
43) Isopropyl Acetate	5.55	43	8536	0.906	ug/l #	91
44) Trichloroethene	6.19	130	2634	0.951	ug/l	100
45) 1,2-Dichloropropane	6.43	63	3343	0.883	ug/l #	85
46) Dibromomethane	6.56	93	1889	0.869	ug/l	89
47) Bromodichloromethane	6.76	83	4208	0.973	ug/l #	98
48) Methyl methacrylate	6.62	41	4897	0.998	ug/l	88
49) 1,4-Dioxane	6.62	88	1249	15.927	ug/l #	76
51) 4-Methyl-2-Pentanone	7.46	43	27016	4.489	ug/l	96
52) Toluene	7.64	92	6492	0.872	ug/l	93
53) t-1,3-Dichloropropene	7.88	75	4869	0.942	ug/l	92
54) cis-1,3-Dichloropropene	7.27	75	5532	0.999	ug/l #	88
55) 1,1,2-Trichloroethane	8.07	97	3038	0.981	ug/l	95
56) Ethyl methacrylate	8.02	69	4564	0.866	ug/l	92
57) 1,3-Dichloropropane	8.24	76	5257	0.925	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.13	63	11225	3.968	ug/l	98
59) 2-Hexanone	8.37	43	19595	4.203	ug/l	98
60) Dibromochloromethane	8.48	129	2696	0.915	ug/l	98
61) 1,2-Dibromoethane	8.58	107	2732	0.861	ug/l	98
64) Tetrachloroethene	8.23	164	2289	0.986	ug/l #	80
65) Chlorobenzene	9.12	112	6928	0.946	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	9.21	131	2369	0.943	ug/l #	58
67) Ethyl Benzene	9.25	91	13103	0.949	ug/l	90
68) m/p-Xylenes	9.38	106	9325	1.877	ug/l	97
69) o-Xylene	9.78	106	4689	0.950	ug/l	93
70) Styrene	9.79	104	7066	0.887	ug/l	97
71) Bromoform	9.96	173	1858	0.880	ug/l #	100
73) Isopropylbenzene	10.16	105	11550	0.959	ug/l	93
74) N-amyl acetate	10.01	43	6945	0.921	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.46	83	4610	0.931	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	3844m	0.907	ug/l	
77) Bromobenzene	10.45	156	2906	1.024	ug/l	92
78) n-propylbenzene	10.59	91	14232	0.958	ug/l	92
79) 2-Chlorotoluene	10.66	91	8153	0.931	ug/l	96
80) 1,3,5-Trimethylbenzene	10.77	105	9826	0.968	ug/l	96
81) trans-1,4-Dichloro-2-buten	10.52	75	1722m	0.835	ug/l	
82) 4-Chlorotoluene	10.77	91	9674	0.959	ug/l	98
83) tert-Butylbenzene	11.10	119	8276	0.875	ug/l	92
84) 1,2,4-Trimethylbenzene	11.15	105	9590	0.933	ug/l	96
85) sec-Butylbenzene	11.32	105	11778	0.959	ug/l	100
86) p-Isopropyltoluene	11.48	119	9143	0.905	ug/l	87
87) 1,3-Dichlorobenzene	11.42	146	5304	1.025	ug/l	95
88) 1,4-Dichlorobenzene	11.51	146	5255m	1.009	ug/l	
89) n-Butylbenzene	11.89	91	8962	0.899	ug/l	91
90) Hexachloroethane	12.15	117	1335	0.847	ug/l	79
91) 1,2-Dichlorobenzene	11.88	146	4777	0.925	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	945	0.858	ug/l	99
93) 1,2,4-Trichlorobenzene	13.51	180	3281	0.971	ug/l	79
94) Hexachlorobutadiene	13.70	225	1602	1.004	ug/l	97
95) Naphthalene	13.75	128	8209	0.714	ug/l #	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	13.99	180	3121	0.913	ug/l	88

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

