

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034271.D
 Acq On : 05 Sep 2019 09:14
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:21:22 PM

Quant Time: Sep 06 04:27:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 04:16:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	297228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	436974	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	440694	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	256207	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	3641	1.257	ug/l	89
3) Chloromethane	1.32	50	5264	1.232	ug/l	94
4) Vinyl Chloride	1.40	62	4622	1.203	ug/l	95
6) Chloroethane	1.69	64	3379	1.416	ug/l	97
7) Trichlorofluoromethane	1.88	101	6154	1.346	ug/l	98
8) Diethyl Ether	2.10	74	2642	1.339	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.28	101	4129	1.415	ug/l	99
12) 1,1-Dichloroethene	2.27	96	3756	1.278	ug/l	95
14) Allyl chloride	2.58	41	7155	1.290	ug/l	96
15) Acrylonitrile	2.94	53	11192	5.491	ug/l	95
16) Acetone	2.31	43	13925	7.136	ug/l	95
17) Carbon Disulfide	2.47	76	9013	1.018	ug/l	96
18) Methyl Acetate	2.61	43	7218	1.432	ug/l	91
19) Methyl tert-butyl Ether	2.99	73	12388	1.258	ug/l	94
20) Methylene Chloride	2.69	84	5454	1.485	ug/l	91
21) trans-1,2-Dichloroethene	2.97	96	3841	1.211	ug/l	94
22) Diisopropyl ether	3.56	45	11685	1.131	ug/l #	55
23) Vinyl Acetate	3.52	43	45925	5.220	ug/l	96
24) 1,1-Dichloroethane	3.43	63	8146	1.342	ug/l	99
25) 2-Butanone	4.26	43	13372	4.930	ug/l	96
26) 2,2-Dichloropropane	4.21	77	6597m	1.337	ug/l	
27) cis-1,2-Dichloroethene	4.21	96	4373	1.207	ug/l	92
28) Bromochloromethane	4.53	49	3403	1.131	ug/l #	99
29) Tetrahydrofuran	4.63	42	8642	5.165	ug/l	96
30) Chloroform	4.66	83	8922	1.461	ug/l	86
32) 1,1,1-Trichloroethane	4.90	97	6487	1.306	ug/l #	51
36) 1,1-Dichloropropene	5.12	75	5332	1.288	ug/l #	88
37) Ethyl Acetate	4.38	43	5910m	1.257	ug/l	
38) Carbon Tetrachloride	5.12	117	5931	1.458	ug/l	91
39) Methylcyclohexane	6.39	83	5187	1.082	ug/l	97
40) Benzene	5.37	78	16890	1.331	ug/l	94
41) Methacrylonitrile	4.55	41	2602	1.068	ug/l #	57
42) 1,2-Dichloroethane	5.40	62	5946	1.358	ug/l	97
43) Isopropyl Acetate	5.54	43	8352	1.162	ug/l #	86

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	6.17	130	4630	1.375	ug/l	99
45) 1,2-Dichloropropane	6.42	63	4838	1.372	ug/l	93
46) Dibromomethane	6.55	93	2944	1.297	ug/l	94
47) Bromodichloromethane	6.74	83	6445	1.440	ug/l	94
48) Methyl methacrylate	6.61	41	4342	1.261	ug/l #	81
49) 1,4-Dioxane	6.61	88	1725	20.407	ug/l	97
51) 4-Methyl-2-Pentanone	7.45	43	28329	5.688	ug/l	94
52) Toluene	7.62	92	9527	1.212	ug/l	99
53) t-1,3-Dichloropropene	7.87	75	5855	1.193	ug/l #	83
54) cis-1,3-Dichloropropene	7.25	75	6319	1.175	ug/l	96
55) 1,1,2-Trichloroethane	8.05	97	4669	1.385	ug/l	97
56) Ethyl methacrylate	8.01	69	4513	0.907	ug/l #	86
57) 1,3-Dichloropropane	8.23	76	7326	1.290	ug/l	94
58) 2-Chloroethyl Vinyl ether	7.12	63	6826	3.801	ug/l	95
59) 2-Hexanone	8.36	43	19981	5.321	ug/l	84
60) Dibromochloromethane	8.46	129	4375	1.205	ug/l	86
61) 1,2-Dibromoethane	8.58	107	4235	1.206	ug/l	98
64) Tetrachloroethene	8.21	164	4377	1.449	ug/l	94
65) Chlorobenzene	9.10	112	11387	1.233	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	4703	1.394	ug/l #	64
67) Ethyl Benzene	9.23	91	17851	1.149	ug/l	95
68) m/p-Xylenes	9.36	106	11955	2.016	ug/l	94
69) o-Xylene	9.77	106	6143	1.078	ug/l	97
70) Styrene	9.78	104	9662	0.984	ug/l	98
71) Bromoform	9.95	173	3625	1.233	ug/l #	96
73) Isopropylbenzene	10.15	105	16212	0.966	ug/l	98
74) N-amyl acetate	10.01	43	5638	0.805	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	10.44	83	7748	1.193	ug/l	98
76) 1,2,3-Trichloropropane	10.48	75	5910m	1.057	ug/l	
77) Bromobenzene	10.44	156	4984	1.095	ug/l	93
78) n-propylbenzene	10.57	91	17891	0.915	ug/l	98
79) 2-Chlorotoluene	10.64	91	11560	0.984	ug/l	97
80) 1,3,5-Trimethylbenzene	10.76	105	11681	0.821	ug/l	96
82) 4-Chlorotoluene	10.76	91	12760	0.942	ug/l	98
83) tert-Butylbenzene	11.08	119	13190	0.941	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	11925	0.844	ug/l	97
85) sec-Butylbenzene	11.31	105	14185	0.845	ug/l	97
86) p-Isopropyltoluene	11.46	119	13203	0.868	ug/l	94
87) 1,3-Dichlorobenzene	11.40	146	8956	1.107	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	10325m	1.258	ug/l	
89) n-Butylbenzene	11.87	91	10447	0.780	ug/l	91
90) Hexachloroethane	12.13	117	2476	0.952	ug/l	95
91) 1,2-Dichlorobenzene	11.87	146	8693	1.118	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.65	75	1010m	0.785	ug/l	
93) 1,2,4-Trichlorobenzene	13.51	180	2568m	0.540	ug/l	
94) Hexachlorobutadiene	13.67	225	3061	1.025	ug/l	95
95) Naphthalene	13.76	128	6048m	0.461	ug/l	
96) 1,2,3-Trichlorobenzene	13.98	180	3823m	0.766	ug/l	

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

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

