

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082919\
 Data File : VU034015.D
 Acq On : 28 Aug 2019 11:37
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 8/29/2019 8:27:22 AM

Quant Time: Aug 29 03:34:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 03:17:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	406888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	650493	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	618901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	277756	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	3426	0.816	ug/l	98
3) Chloromethane	1.32	50	8163	1.536	ug/l	100
4) Vinyl Chloride	1.40	62	5331	1.201	ug/l	96
6) Chloroethane	1.68	64	3571	1.353	ug/l	92
7) Trichlorofluoromethane	1.87	101	6270	1.112	ug/l	97
8) Diethyl Ether	2.09	74	2669	1.218	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.27	101	4137	1.160	ug/l	95
12) 1,1-Dichloroethene	2.27	96	4121	1.105	ug/l	95
14) Allyl chloride	2.58	41	7515	1.124	ug/l	99
15) Acrylonitrile	2.93	53	12321	4.957	ug/l	94
16) Acetone	2.31	43	13484	5.893	ug/l	96
17) Carbon Disulfide	2.46	76	13829	1.133	ug/l	96
18) Methyl Acetate	2.60	43	8796	1.565	ug/l	96
19) Methyl tert-butyl Ether	2.98	73	12047	0.964	ug/l	98
20) Methylene Chloride	2.69	84	5513	1.161	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	4311	1.023	ug/l	96
22) Diisopropyl ether	3.55	45	12705	1.033	ug/l #	56
23) Vinyl Acetate	3.51	43	50989	4.864	ug/l	97
24) 1,1-Dichloroethane	3.42	63	7790	1.026	ug/l #	98
25) 2-Butanone	4.26	43	14474	4.407	ug/l	99
26) 2,2-Dichloropropane	4.20	77	6485	1.015	ug/l	100
27) cis-1,2-Dichloroethene	4.20	96	4698	0.994	ug/l	97
28) Bromochloromethane	4.53	49	4108	1.164	ug/l #	99
29) Tetrahydrofuran	4.63	42	9569	4.677	ug/l	94
30) Chloroform	4.65	83	9130	1.182	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	6608	1.022	ug/l #	49
36) 1,1-Dichloropropene	5.11	75	6259	1.027	ug/l	92
37) Ethyl Acetate	4.39	43	6897m	1.110	ug/l	
38) Carbon Tetrachloride	5.11	117	5856	0.953	ug/l	98
39) Methylcyclohexane	6.40	83	6360	0.883	ug/l	97
40) Benzene	5.37	78	17362	0.957	ug/l	94
41) Methacrylonitrile	4.54	41	2719	0.840	ug/l #	87
42) 1,2-Dichloroethane	5.39	62	6328	1.028	ug/l	82
43) Isopropyl Acetate	5.54	43	9048	0.947	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	6.17	130	4559	0.896	ug/l	87
45) 1,2-Dichloropropane	6.41	63	4565	0.933	ug/l	99
46) Dibromomethane	6.54	93	3056	0.930	ug/l	95
47) Bromodichloromethane	6.74	83	6009	0.957	ug/l	97
48) Methyl methacrylate	6.62	41	4056	0.884	ug/l	99
49) 1,4-Dioxane	6.60	88	2236	18.436	ug/l #	90
51) 4-Methyl-2-Pentanone	7.45	43	29826	4.509	ug/l	97
52) Toluene	7.62	92	10091	0.884	ug/l	99
53) t-1,3-Dichloropropene	7.87	75	5847	0.836	ug/l	95
54) cis-1,3-Dichloropropene	7.26	75	6583	0.874	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	4287	0.884	ug/l	97
56) Ethyl methacrylate	8.01	69	5313	0.769	ug/l	95
57) 1,3-Dichloropropane	8.23	76	7314	0.927	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.12	63	11263	4.431	ug/l	98
59) 2-Hexanone	8.35	43	20557	4.047	ug/l	100
60) Dibromochloromethane	8.46	129	4551	0.844	ug/l	97
61) 1,2-Dibromoethane	8.57	107	4631	0.910	ug/l	98
64) Tetrachloroethene	8.21	164	4044	0.827	ug/l	95
65) Chlorobenzene	9.10	112	12013	0.929	ug/l	93
66) 1,1,1,2-Tetrachloroethane	9.19	131	4328	0.906	ug/l #	63
67) Ethyl Benzene	9.23	91	18673	0.861	ug/l	99
68) m/p-Xylenes	9.36	106	13639	1.636	ug/l	97
69) o-Xylene	9.77	106	6401	0.801	ug/l	92
70) Styrene	9.78	104	10082	0.737	ug/l	97
71) Bromoform	9.95	173	3595	0.850	ug/l #	95
73) Isopropylbenzene	10.15	105	15970	0.871	ug/l	95
74) N-amyl acetate	10.01	43	5907	0.838	ug/l	95
75) 1,1,2,2-Tetrachloroethane	10.44	83	7516	1.128	ug/l	98
76) 1,2,3-Trichloropropane	10.48	75	6129m	1.073	ug/l	
77) Bromobenzene	10.44	156	5002	0.974	ug/l	97
78) n-propylbenzene	10.57	91	19149	0.917	ug/l	98
79) 2-Chlorotoluene	10.65	91	11906	0.944	ug/l	99
80) 1,3,5-Trimethylbenzene	10.76	105	12455	0.794	ug/l	94
82) 4-Chlorotoluene	10.76	91	13648	0.938	ug/l	95
83) tert-Butylbenzene	11.08	119	13760	0.901	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	12022	0.779	ug/l	94
85) sec-Butylbenzene	11.31	105	15095	0.829	ug/l	98
86) p-Isopropyltoluene	11.46	119	13380	0.789	ug/l	90
87) 1,3-Dichlorobenzene	11.40	146	8429	0.927	ug/l	96
88) 1,4-Dichlorobenzene	11.49	146	9248m	1.008	ug/l	
89) n-Butylbenzene	11.87	91	11341	0.792	ug/l	91
90) Hexachloroethane	12.13	117	2771	0.984	ug/l	94
91) 1,2-Dichlorobenzene	11.87	146	7578	0.848	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.66	75	1235	0.935	ug/l	80
93) 1,2,4-Trichlorobenzene	13.53	180	2848m	0.521	ug/l	
94) Hexachlorobutadiene	13.68	225	2986	0.823	ug/l	95
95) Naphthalene	13.75	128	7750m	0.534	ug/l	
96) 1,2,3-Trichlorobenzene	13.98	180	4248m	0.752	ug/l	

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

