

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091819\
 Data File : VU034619.D
 Acq On : 17 Sep 2019 16:49
 Operator : JC/SP
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00104

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 3:21:26 PM

Quant Time: Sep 17 18:11:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 17 17:59:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	110518	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	103731	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	46089	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	7858	1.00	ug/L	0.00
7) Chloroethane-d5	1.67	69	6352	1.05	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	13879	1.07	ug/L	0.00
20) 2-Butanone-d5	4.20	46	18337	7.48	ug/L	0.03
24) Chloroform-d	4.62	84	11596	0.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	7202	0.92	ug/L	0.00
32) Benzene-d6	5.32	84	24169	0.86	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	8064	0.84	ug/L	0.00
41) Toluene-d8	7.54	98	23610	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	3451	0.83	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	14283	7.16	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	6172	0.76	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	7207	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	7899	1.281 ug/L	98
3) Chloromethane	1.32	50	7438	0.976 ug/L	92
5) Vinyl chloride	1.40	62	7782	1.095 ug/L	93
6) Bromomethane	1.62	94	3825	1.055 ug/L	87
8) Chloroethane	1.69	64	4308	1.038 ug/L	90
9) Trichlorofluoromethane	1.88	101	10089	1.164 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	5725	1.211 ug/L	97
12) 1,1-Dichloroethene	2.27	96	4950	1.056 ug/L	86
13) Acetone	2.33	43	16710	10.298 ug/L	99
14) Carbon disulfide	2.46	76	12847	1.066 ug/L	95
15) Methyl Acetate	2.61	43	3430	0.814 ug/L #	91
16) Methylene chloride	2.68	84	6893	1.057 ug/L	96
17) Methyl tert-butyl Ether	2.99	73	18553	1.015 ug/L	96
18) trans-1,2-Dichloroethene	2.96	96	5178	0.998 ug/L	86
19) 1,1-Dichloroethane	3.42	63	12270	0.920 ug/L	97
21) 2-Butanone	4.28	43	20133	7.890 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	6985	0.903 ug/L	92
23) Bromochloromethane	4.52	128	2456	0.776 ug/L #	90
25) Chloroform	4.65	83	14451	0.994 ug/L	96
27) 1,2-Dichloroethane	5.39	62	8174	0.966 ug/L	97
29) 1,1,1-Trichloroethane	4.89	97	10231	0.984 ug/L	99
30) Cyclohexane	4.96	56	10924	1.232 ug/L	97
31) Carbon tetrachloride	5.10	117	8366	1.019 ug/L	95
33) Benzene	5.36	78	25600	0.921 ug/L	100
34) Trichloroethene	6.16	95	6383	0.918 ug/L	94
35) Methylcyclohexane	6.39	83	10331	1.138 ug/L	94
37) 1,2-Dichloropropane	6.41	63	8429	1.027 ug/L #	96
38) Bromodichloromethane	6.74	83	9568	0.932 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	10741	0.880 ug/L	95
40) 4-Methyl-2-pentanone	7.45	43	58497	8.747 ug/L	100

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42) Toluene	7.62	91	27906	0.946	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	8746	0.863	ug/L	89
45) 1,1,2-Trichloroethane	8.05	97	5203	0.902	ug/L	91
47) Tetrachloroethene	8.20	164	3933	0.927	ug/L	95
48) 2-Hexanone	8.35	43	37448	8.280	ug/L	99
49) Dibromochloromethane	8.45	129	5757	0.830	ug/L	99
50) 1,2-Dibromoethane	8.57	107	4593	0.846	ug/L #	97
51) Chlorobenzene	9.10	112	17345	0.910	ug/L	93
52) Ethylbenzene	9.23	91	32659	0.974	ug/L	98
53) m,p-Xylene	9.35	106	11219	0.918	ug/L	98
54) o-Xylene	9.76	106	11631	0.930	ug/L	96
55) Styrene	9.77	104	18012	0.847	ug/L	98
56) Isopropylbenzene	10.14	105	31894	0.979	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	7416	0.873	ug/L #	94
59) 1,2,3-Trichloropropane	10.47	75	5325	0.918	ug/L	95
61) Bromoform	9.94	173	2803	0.797	ug/L #	87
62) 1,3-Dichlorobenzene	11.40	146	13170	0.956	ug/L	95
63) 1,4-Dichlorobenzene	11.49	146	12360	0.899	ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	12814	0.975	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	982	0.748	ug/L #	74
67) 1,3,5-Trichlorobenzene	12.87	180	7999	0.866	ug/L	95
68) 1,2,4-trichlorobenzene	13.49	180	5061	0.683	ug/L	98
69) Naphthalene	13.73	128	14017m	0.854	ug/L	
70) 1,2,3-Trichlorobenzene	13.97	180	5348	0.753	ug/L	98

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

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