

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080320\
 Data File : VU039735.D
 Acq On : 03 Aug 2020 13:16
 Operator : SY/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Manual Integrations
 APPROVED

sam
 8/6/2020 2:46:15 PM

Quant Time: Aug 03 17:35:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 03 17:28:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	79094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	1585	0.42	ug/L	0.00
7) Chloroethane-d5	1.92	69	1961	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	3958	0.48	ug/L	0.00
20) 2-Butanone-d5	4.66	46	8246	4.91	ug/L	0.00
24) Chloroform-d	5.08	84	4669	0.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	2712	0.44	ug/L	0.00
32) Benzene-d6	5.74	84	7984	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	2936	0.46	ug/L	0.00
41) Toluene-d8	7.90	98	7282	0.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	905	0.33	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	5039	3.75	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	2812	0.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	2857	0.41	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	3454	0.827 ug/L	98
3) Chloromethane	1.53	50	3664	0.809 ug/L	97
5) Vinyl chloride	1.61	62	3255	0.689 ug/L	89
6) Bromomethane	1.86	94	1833	0.603 ug/L	98
8) Chloroethane	1.94	64	2418	0.638 ug/L	97
9) Trichlorofluoromethane	2.15	101	4946	0.529 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	2994	0.716 ug/L #	90
12) 1,1-Dichloroethene	2.59	96	2412	0.634 ug/L	83
13) Acetone	2.66	43	6388	6.941 ug/L	93
14) Carbon disulfide	2.80	76	7511	0.655 ug/L	98
15) Methyl Acetate	2.97	43	1442	0.637 ug/L #	90
16) Methylene chloride	3.06	84	5951	1.084 ug/L	92
17) Methyl tert-butyl Ether	3.38	73	6037	0.517 ug/L #	91
18) trans-1,2-Dichloroethene	3.37	96	2831	0.672 ug/L	93
19) 1,1-Dichloroethane	3.88	63	5101	0.606 ug/L	97
21) 2-Butanone	4.74	43	7869	4.949 ug/L	95
22) cis-1,2-Dichloroethene	4.69	96	2851	0.585 ug/L	89
23) Bromochloromethane	4.99	128	1308	0.569 ug/L #	85
25) Chloroform	5.11	83	5560	0.579 ug/L	99
27) 1,2-Dichloroethane	5.81	62	3706	0.569 ug/L #	94
29) 1,1,1-Trichloroethane	5.33	97	4143	0.493 ug/L	98
30) Cyclohexane	5.40	56	3826	0.510 ug/L #	87
31) Carbon tetrachloride	5.54	117	4186	0.577 ug/L	97
33) Benzene	5.79	78	10029	0.518 ug/L	100
34) Trichloroethene	6.55	95	2750	0.519 ug/L #	78
35) Methylcyclohexane	6.77	83	4210	0.533 ug/L #	74
37) 1,2-Dichloropropane	6.80	63	2749	0.518 ug/L #	88
38) Bromodichloromethane	7.11	83	3756	0.538 ug/L #	85
39) cis-1,3-Dichloropropene	7.62	75	3563	0.470 ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	19107	4.602 ug/L	98

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42) Toluene	7.98	91	11019	0.527	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	3105	0.446	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	1986	0.483	ug/L	87
47) Tetrachloroethene	8.56	164	2411	0.653	ug/L	85
48) 2-Hexanone	8.69	43	14114	4.583	ug/L	99
49) Dibromochloromethane	8.81	129	2400	0.484	ug/L	91
50) 1,2-Dibromoethane	8.93	107	1906	0.474	ug/L #	98
51) Chlorobenzene	9.45	112	7295	0.536	ug/L	96
52) Ethylbenzene	9.57	91	12105	0.508	ug/L	97
53) m,p-Xylene	9.69	106	4239	0.472	ug/L	95
54) o-Xylene	10.10	106	4585	0.522	ug/L	93
55) Styrene	10.11	104	6902	0.471	ug/L	99
56) Isopropylbenzene	10.48	105	11462	0.483	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.78	83	2861	0.543	ug/L #	86
59) 1,2,3-Trichloropropane	10.82	75	1910m	0.489	ug/L	
61) Bromoform	10.29	173	1193	0.437	ug/L #	86
62) 1,3-Dichlorobenzene	11.74	146	5406	0.505	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	6279	0.576	ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	5817	0.562	ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.00	75	334	0.437	ug/L #	80
67) 1,3,5-Trichlorobenzene	13.21	180	4321	0.562	ug/L	93
68) 1,2,4-trichlorobenzene	13.83	180	3423	0.532	ug/L	97
69) Naphthalene	14.08	128	4751	0.430	ug/L	97
70) 1,2,3-Trichlorobenzene	14.32	180	2704	0.466	ug/L	87

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

