

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050819\
 Data File : VU031813.D
 Acq On : 08 May 2019 10:04
 Operator : JC/SP
 Sample : VSTD0.505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.505

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 9:58:56 AM

Quant Time: May 09 01:50:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 09 01:21:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	305060	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	130666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	10286	0.44	ug/L	0.00
7) Chloroethane-d5	1.68	69	9169	0.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	23029	0.51	ug/L	0.00
20) 2-Butanone-d5	4.20	46	36844	5.42	ug/L	0.01
24) Chloroform-d	4.64	84	16940	0.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	13247	0.61	ug/L	0.00
32) Benzene-d6	5.33	84	35857	0.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	14509	0.52	ug/L	0.00
41) Toluene-d8	7.57	98	28644	0.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	3731	0.34	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	17018	3.18	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	10483	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	11144	0.49	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	18944	0.683 ug/L	98
3) Chloromethane	1.32	50	23918	0.712 ug/L	100
5) Vinyl chloride	1.40	62	21527	0.666 ug/L #	80
6) Bromomethane	1.63	94	9160	0.563 ug/L	99
8) Chloroethane	1.70	64	12054	0.662 ug/L	89
9) Trichlorofluoromethane	1.88	101	23023	0.614 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12792	0.604 ug/L	93
12) 1,1-Dichloroethene	2.28	96	11427	0.543 ug/L	91
13) Acetone	2.32	43	31727	6.653 ug/L	94
14) Carbon disulfide	2.47	76	42970	0.613 ug/L	97
15) Methyl Acetate	2.62	43	8508	0.656 ug/L	98
16) Methylene chloride	2.70	84	15619	0.643 ug/L	96
17) Methyl tert-butyl Ether	3.00	73	34719	0.583 ug/L	97
18) trans-1,2-Dichloroethene	2.98	96	13138	0.597 ug/L	79
19) 1,1-Dichloroethane	3.44	63	28338	0.631 ug/L	100
21) 2-Butanone	4.29	43	43280	5.839 ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	14589	0.616 ug/L	90
23) Bromochloromethane	4.55	128	5650	0.563 ug/L	81
25) Chloroform	4.67	83	32110	0.768 ug/L	98
27) 1,2-Dichloroethane	5.41	62	18719	0.676 ug/L #	96
29) 1,1,1-Trichloroethane	4.91	97	22125m	0.591 ug/L	
30) Cyclohexane	4.98	56	22083	0.500 ug/L	99
31) Carbon tetrachloride	5.13	117	19778	0.619 ug/L	100
33) Benzene	5.39	78	54228	0.540 ug/L	100
34) Trichloroethene	6.18	95	14656	0.562 ug/L	97
35) Methylcyclohexane	6.41	83	17551	0.456 ug/L	96
37) 1,2-Dichloropropane	6.43	63	14292	0.521 ug/L #	95
38) Bromodichloromethane	6.75	83	18943	0.594 ug/L #	92
39) cis-1,3-Dichloropropene	7.27	75	17837	0.483 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	84907	4.560 ug/L	97

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42) Toluene	7.63	91	45526	0.449	ug/L	94
44) trans-1,3-Dichloropropene	7.89	75	13258	0.461	ug/L	97
45) 1,1,2-Trichloroethane	8.07	97	9036	0.510	ug/L	94
47) Tetrachloroethene	8.22	164	9679	0.545	ug/L	94
48) 2-Hexanone	8.37	43	53472	4.077	ug/L	95
49) Dibromochloromethane	8.47	129	11104	0.551	ug/L	97
50) 1,2-Dibromoethane	8.59	107	8171	0.482	ug/L #	99
51) Chlorobenzene	9.12	112	32051	0.532	ug/L	94
52) Ethylbenzene	9.25	91	48265	0.454	ug/L	99
53) m,p-Xylene	9.38	106	16638	0.437	ug/L	83
54) o-Xylene	9.78	106	15680	0.422	ug/L	90
55) Styrene	9.79	104	25040	0.405	ug/L	97
56) Isopropylbenzene	10.16	105	42726	0.435	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	12116	0.529	ug/L #	96
59) 1,2,3-Trichloropropane	10.49	75	9027	0.538	ug/L	96
61) Bromoform	9.96	173	5506	0.543	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	20722	0.534	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	21058	0.520	ug/L	87
65) 1,2-Dichlorobenzene	11.88	146	20208	0.524	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.66	75	1942	0.597	ug/L	88
67) 1,3,5-Trichlorobenzene	12.89	180	15752	0.531	ug/L #	88
68) 1,2,4-trichlorobenzene	13.51	180	10534	0.455	ug/L #	84
69) Naphthalene	13.75	128	15221m	0.349	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	7893	0.348	ug/L	90

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

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