

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033128.D
 Acq On : 02 Jul 2019 09:17
 Operator : JC/SP
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Manual Integrations
 APPROVED

MMDadoda
 7/3/2019 11:18:24 AM

Quant Time: Jul 03 01:39:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 01:24:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	100893	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	100320	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	5344	0.81	ug/L	0.00
7) Chloroethane-d5	1.68	69	4823	0.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	12080	0.84	ug/L	0.00
20) 2-Butanone-d5	4.20	46	17752	8.71	ug/L	0.00
24) Chloroform-d	4.64	84	11928	0.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	7182	0.91	ug/L	0.00
32) Benzene-d6	5.33	84	20822	0.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	7342	0.92	ug/L	0.00
41) Toluene-d8	7.56	98	19865	0.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	2879	0.86	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	10215	7.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	6082	0.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	7966	0.83	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	10247	0.992 ug/L	97
3) Chloromethane	1.32	50	9966	1.013 ug/L	97
5) Vinyl chloride	1.40	62	9602	0.973 ug/L	100
6) Bromomethane	1.63	94	5733	1.076 ug/L	94
8) Chloroethane	1.69	64	5871	1.019 ug/L	99
9) Trichlorofluoromethane	1.88	101	13626	0.976 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	7288	1.009 ug/L	98
12) 1,1-Dichloroethene	2.28	96	6420	0.959 ug/L	93
13) Acetone	2.33	43	16538	9.674 ug/L	99
14) Carbon disulfide	2.47	76	21331	0.960 ug/L	96
15) Methyl Acetate	2.62	43	3828	0.963 ug/L	97
16) Methylene chloride	2.69	84	7768	1.006 ug/L	89
17) Methyl tert-butyl Ether	3.00	73	18928	1.009 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	7387	1.006 ug/L	90
19) 1,1-Dichloroethane	3.44	63	14562	1.008 ug/L	93
21) 2-Butanone	4.28	43	23834	9.834 ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	7713	0.960 ug/L	91
23) Bromochloromethane	4.54	128	3913	1.103 ug/L	97
25) Chloroform	4.67	83	16460	1.112 ug/L	99
27) 1,2-Dichloroethane	5.40	62	10330	1.021 ug/L	# 95
29) 1,1,1-Trichloroethane	4.91	97	13432	1.052 ug/L	95
30) Cyclohexane	4.98	56	11326	0.963 ug/L	98
31) Carbon tetrachloride	5.12	117	11621	1.009 ug/L	97
33) Benzene	5.38	78	29054	0.985 ug/L	100
34) Trichloroethene	6.18	95	7988	0.989 ug/L	93
35) Methylcyclohexane	6.40	83	10791	0.892 ug/L	95
37) 1,2-Dichloropropane	6.43	63	8008	1.008 ug/L	# 94
38) Bromodichloromethane	6.75	83	10529	1.009 ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	10696	0.922 ug/L	90
40) 4-Methyl-2-pentanone	7.46	43	51194	9.331 ug/L	99

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42) Toluene	7.63	91	29894	0.947	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	8750	0.933	ug/L	95
45) 1,1,2-Trichloroethane	8.06	97	5751	1.028	ug/L	96
47) Tetrachloroethene	8.22	164	6725	1.033	ug/L	95
48) 2-Hexanone	8.36	43	36406	9.294	ug/L	96
49) Dibromochloromethane	8.48	129	6588	0.940	ug/L	93
50) 1,2-Dibromoethane	8.58	107	5249	0.966	ug/L #	97
51) Chlorobenzene	9.12	112	20571	0.985	ug/L	97
52) Ethylbenzene	9.24	91	32719	0.943	ug/L	98
53) m,p-Xylene	9.37	106	11680	0.927	ug/L	100
54) o-Xylene	9.77	106	11086	0.905	ug/L	96
55) Styrene	9.79	104	18260	0.881	ug/L	97
56) Isopropylbenzene	10.16	105	29839	0.893	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	6913	0.966	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	5363	1.013	ug/L	96
61) Bromoform	9.95	173	3676	0.949	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	15507	0.968	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	16607	0.993	ug/L	95
65) 1,2-Dichlorobenzene	11.87	146	15539	0.998	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	918	0.875	ug/L	90
67) 1,3,5-Trichlorobenzene	12.88	180	12167	0.961	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	7358m	0.819	ug/L	
69) Naphthalene	13.75	128	10067m	0.762	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	7296m	0.833	ug/L	

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

