

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041919\
 Data File : VU031298.D
 Acq On : 18 Apr 2019 10:58
 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
 4/22/2019 9:52:48 AM

Quant Time: Apr 19 04:17:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 19 03:57:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	213139	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	202853	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	87212	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22277	0.93	ug/L	0.00
7) Chloroethane-d5	1.68	69	18011	0.94	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	43317	0.92	ug/L	0.00
20) 2-Butanone-d5	4.22	46	42545	9.25	ug/L	0.00
24) Chloroform-d	4.64	84	28687	0.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	15702	0.97	ug/L	0.00
32) Benzene-d6	5.34	84	51963	0.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	16715	0.94	ug/L	0.00
41) Toluene-d8	7.56	98	43813	0.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	5990	0.84	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	26680	8.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14170	0.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	15983	0.94	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	21912	0.894 ug/L	100
3) Chloromethane	1.32	50	33818	1.019 ug/L	99
5) Vinyl chloride	1.40	62	33953	1.005 ug/L	98
6) Bromomethane	1.63	94	18595	0.993 ug/L	96
8) Chloroethane	1.70	64	18730	0.972 ug/L	97
9) Trichlorofluoromethane	1.88	101	42159	0.992 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	22872	0.996 ug/L	98
12) 1,1-Dichloroethene	2.28	96	21711	0.949 ug/L	89
13) Acetone	2.36	43	55763	10.911 ug/L	97
14) Carbon disulfide	2.47	76	73801	0.966 ug/L	98
15) Methyl Acetate	2.63	43	15576	1.115 ug/L	96
16) Methylene chloride	2.70	84	27078	0.975 ug/L	95
17) Methyl tert-butyl Ether	3.00	73	59482	0.971 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	23725	0.983 ug/L	90
19) 1,1-Dichloroethane	3.43	63	32552	0.967 ug/L	95
21) 2-Butanone	4.30	43	46776	8.860 ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	18703	1.002 ug/L	80
23) Bromochloromethane	4.55	128	8117	0.976 ug/L	92
25) Chloroform	4.67	83	32155	0.969 ug/L	97
27) 1,2-Dichloroethane	5.41	62	21982	1.028 ug/L	# 95
29) 1,1,1-Trichloroethane	4.91	97	26770	0.977 ug/L	96
30) Cyclohexane	4.98	56	25704	0.921 ug/L	# 92
31) Carbon tetrachloride	5.13	117	24139	0.987 ug/L	91
33) Benzene	5.38	78	66334	0.963 ug/L	100
34) Trichloroethene	6.18	95	18122	0.974 ug/L	96
35) Methylcyclohexane	6.41	83	24571	0.959 ug/L	96
37) 1,2-Dichloropropane	6.43	63	18342	1.011 ug/L	99
38) Bromodichloromethane	6.76	83	21456	0.947 ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	20295	0.845 ug/L	93
40) 4-Methyl-2-pentanone	7.47	43	109445	9.390 ug/L	97

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42) Toluene	7.63	91	64307	0.926	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	17264	0.862	ug/L	93
45) 1,1,2-Trichloroethane	8.07	97	12407	0.959	ug/L	93
47) Tetrachloroethene	8.22	164	13336	0.962	ug/L	99
48) 2-Hexanone	8.37	43	73885	8.932	ug/L	93
49) Dibromochloromethane	8.48	129	14905	0.963	ug/L	92
50) 1,2-Dibromoethane	8.59	107	12603	1.029	ug/L #	87
51) Chlorobenzene	9.12	112	40407	0.930	ug/L	95
52) Ethylbenzene	9.25	91	63533	0.886	ug/L	99
53) m,p-Xylene	9.37	106	20728	0.805	ug/L	85
54) o-Xylene	9.78	106	21460	0.845	ug/L	97
55) Styrene	9.79	104	34293	0.813	ug/L	98
56) Isopropylbenzene	10.16	105	56491	0.848	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	15692	0.949	ug/L	92
59) 1,2,3-Trichloropropane	10.49	75	11489	0.970	ug/L	95
61) Bromoform	9.95	173	9380	1.119	ug/L	93
62) 1,3-Dichlorobenzene	11.42	146	27844	0.971	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	27214	0.942	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	27478	0.941	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	2564	1.079	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	25285	1.073	ug/L	91
68) 1,2,4-trichlorobenzene	13.50	180	13857	0.816	ug/L	85
69) Naphthalene	13.75	128	29153m	0.983	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	14876	0.845	ug/L	98

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

