

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081718\
 Data File : VU026181.D
 Acq On : 17 Aug 2018 16:10
 Operator : MD/SY
 Sample : VSTD00141
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00141

Manual Integrations
 APPROVED

MMDadoda
 8/20/2018 10:33:55 AM

Quant Time: Aug 18 00:11:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 17 23:59:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	136765	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	132555	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63400	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	7226	0.75	ug/L	0.00
7) Chloroethane-d5	1.68	69	6055	0.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	14604	0.82	ug/L	0.00
20) 2-Butanone-d5	4.20	46	20647	8.54	ug/L	0.00
24) Chloroform-d	4.65	84	16512	0.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	9163	1.01	ug/L	0.00
32) Benzene-d6	5.35	84	30492	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	9801	0.84	ug/L	0.00
41) Toluene-d8	7.57	98	26703	0.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	3364	0.85	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	13226	6.62	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	8159	0.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	11248	0.86	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	10704	0.96	ug/L	100
3) Chloromethane	1.33	50	10722	0.94	ug/L	95
5) Vinyl chloride	1.41	62	10513	0.93	ug/L	100
6) Bromomethane	1.64	94	5697	0.97	ug/L	99
8) Chloroethane	1.70	64	6122	0.77	ug/L	99
9) Trichlorofluoromethane	1.89	101	15004	1.00	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	7984	0.90	ug/L	94
12) 1,1-Dichloroethene	2.29	96	7329	0.88	ug/L	95
13) Acetone	2.33	43	12158	8.49	ug/L	95
14) Carbon disulfide	2.48	76	25937	0.92	ug/L	95
15) Methyl Acetate	2.62	43	3464	0.79	ug/L #	73
16) Methylene chloride	2.71	84	9034	0.95	ug/L	92
17) Methyl tert-butyl Ether	3.00	73	17664	0.87	ug/L	95
18) trans-1,2-Dichloroethene	2.99	96	7852	0.87	ug/L	94
19) 1,1-Dichloroethane	3.45	63	14711	0.85	ug/L	97
21) 2-Butanone	4.29	43	21330	8.55	ug/L	95
22) cis-1,2-Dichloroethene	4.23	96	9590	0.94	ug/L	90
23) Bromochloromethane	4.55	128	4443	0.98	ug/L	96
25) Chloroform	4.68	83	17682	0.99	ug/L	91
27) 1,2-Dichloroethane	5.41	62	10379	0.97	ug/L	95
29) 1,1,1-Trichloroethane	4.92	97	16294	1.10	ug/L	95
30) Cyclohexane	5.00	56	12468	0.82	ug/L	95
31) Carbon tetrachloride	5.13	117	14221	1.10	ug/L	94
33) Benzene	5.39	78	35803	0.92	ug/L	100
34) Trichloroethene	6.19	95	9101	0.88	ug/L	95
35) Methylcyclohexane	6.42	83	11690	0.74	ug/L	95
37) 1,2-Dichloropropane	6.44	63	8928	0.87	ug/L #	95
38) Bromodichloromethane	6.76	83	12167	1.02	ug/L	100
39) cis-1,3-Dichloropropene	7.28	75	11578	0.90	ug/L	92
40) 4-Methyl-2-pentanone	7.47	43	47240	8.40	ug/L	97

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42) Toluene	7.64	91	34980	0.87	ug/L	98
44) trans-1,3-Dichloropropene	7.89	75	10070	0.97	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	6505	0.95	ug/L	95
47) Tetrachloroethene	8.23	164	8196	0.96	ug/L	98
48) 2-Hexanone	8.37	43	31992	7.91	ug/L #	96
49) Dibromochloromethane	8.48	129	7993	0.99	ug/L	99
50) 1,2-Dibromoethane	8.59	107	6408	1.01	ug/L	92
51) Chlorobenzene	9.12	112	24831	0.94	ug/L	98
52) Ethylbenzene	9.26	91	34864	0.84	ug/L	97
53) m,p-xylene	9.38	106	13049	0.82	ug/L	99
54) o-xylene	9.78	106	12064	0.78	ug/L	97
55) Styrene	9.80	104	20010	0.78	ug/L	92
56) Isopropylbenzene	10.17	105	31978	0.79	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	8233	0.95	ug/L #	95
59) 1,2,3-Trichloropropane	10.50	75	5791	0.99	ug/L	92
61) Bromoform	9.96	173	4244	0.91	ug/L #	93
62) 1,3-Dichlorobenzene	11.42	146	17656	0.88	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	18289	0.91	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	18031	0.90	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.67	75	1181m	0.94	ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	12888	0.83	ug/L	94
68) 1,2,4-trichlorobenzene	13.51	180	9331	0.86	ug/L	93
69) Naphthalene	13.75	128	12644	0.78	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	9275	0.88	ug/L	98

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

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