

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035208.D
 Acq On : 17 Oct 2019 13:13
 Operator : JC/SP
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00101

Manual Integrations
 APPROVED

MMDadoda
 10/18/2019 4:10:55 PM

Quant Time: Oct 18 02:37:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 02:07:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	381184	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	359049	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	160472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	23566	1.03	ug/L	0.00
7) Chloroethane-d5	1.93	69	20353	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	43092	0.91	ug/L	0.00
20) 2-Butanone-d5	4.73	46	67303	9.94	ug/L	0.00
24) Chloroform-d	5.11	84	42849	1.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	24559	0.97	ug/L	0.00
32) Benzene-d6	5.77	84	84913	1.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	27099	0.96	ug/L	0.00
41) Toluene-d8	7.93	98	79252	0.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	13186	1.21	ug/L	0.00
46) 2-Hexanone-d5	8.69	63	54594	10.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	23727	0.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	29140	1.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	30853	0.895 ug/L	100
3) Chloromethane	1.53	50	32466	0.876 ug/L	100
5) Vinyl chloride	1.62	62	30288	0.825 ug/L	95
6) Bromomethane	1.87	94	16409	0.789 ug/L	96
8) Chloroethane	1.95	64	18875	0.853 ug/L	99
9) Trichlorofluoromethane	2.16	101	41391	0.913 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	23741	0.904 ug/L	98
12) 1,1-Dichloroethene	2.60	96	22926	0.936 ug/L	97
13) Acetone	2.70	43	46821m	8.758 ug/L	
14) Carbon disulfide	2.82	76	74024	0.917 ug/L	98
15) Methyl Acetate	3.01	43	11562m	0.829 ug/L	
16) Methylene chloride	3.08	84	30525	1.012 ug/L	99
17) Methyl tert-butyl Ether	3.43	73	60439	0.899 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	24883	0.941 ug/L	99
19) 1,1-Dichloroethane	3.92	63	44925	0.874 ug/L	98
21) 2-Butanone	4.81	43	73420m	9.541 ug/L	
22) cis-1,2-Dichloroethene	4.72	96	26794	0.909 ug/L	98
23) Bromochloromethane	5.02	128	11871	0.965 ug/L	93
25) Chloroform	5.14	83	51521	0.896 ug/L	98
27) 1,2-Dichloroethane	5.84	62	29733	0.874 ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	40068	0.981 ug/L	98
30) Cyclohexane	5.43	56	41801	0.935 ug/L	98
31) Carbon tetrachloride	5.56	117	35997	1.013 ug/L	98
33) Benzene	5.82	78	99137	0.916 ug/L	100
34) Trichloroethene	6.58	95	26558	0.947 ug/L	99
35) Methylcyclohexane	6.80	83	44483	0.972 ug/L	99
37) 1,2-Dichloropropane	6.83	63	24506	0.850 ug/L	98
38) Bromodichloromethane	7.15	83	34021	0.979 ug/L	98
39) cis-1,3-Dichloropropene	7.65	75	41690	1.023 ug/L	93
40) 4-Methyl-2-pentanone	7.85	43	164531	8.918 ug/L	99

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42) Toluene	8.01	91	109578	0.966	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	34538	1.085	ug/L	93
45) 1,1,2-Trichloroethane	8.44	97	18415	0.941	ug/L	94
47) Tetrachloroethene	8.58	164	22474	0.983	ug/L	94
48) 2-Hexanone	8.74	43	115819	9.121	ug/L	98
49) Dibromochloromethane	8.84	129	23493	1.022	ug/L	98
50) 1,2-Dibromoethane	8.96	107	18603	0.987	ug/L	98
51) Chlorobenzene	9.48	112	70660	0.957	ug/L	99
52) Ethylbenzene	9.60	91	122536	0.969	ug/L	99
53) m,p-Xylene	9.72	106	46376	0.989	ug/L	97
54) o-Xylene	10.13	106	45629	0.996	ug/L	98
55) Styrene	10.15	104	71509	0.962	ug/L	98
56) Isopropylbenzene	10.51	105	121767	0.993	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.82	83	23615	0.896	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	17947	0.943	ug/L	96
61) Bromoform	10.32	173	14122	1.195	ug/L	99
62) 1,3-Dichlorobenzene	11.78	146	52573	1.046	ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	51554	1.019	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	48435	1.005	ug/L	94
66) 1,2-Dibromo-3-chloropropan	13.03	75	3672	1.193	ug/L	84
67) 1,3,5-Trichlorobenzene	13.25	180	29517	0.882	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	16234	0.669	ug/L	97
69) Naphthalene	14.11	128	22868	0.630	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	16037	0.683	ug/L	99

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

