

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122819\
 Data File : VU036366.D
 Acq On : 28 Dec 2019 13:35
 Operator : JC/MD
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01005

Manual Integrations
 APPROVED

apatel
 12/30/2019 11:13:12 AM

Quant Time: Dec 30 05:03:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 30 04:25:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	278847	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128723	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	195263	8.19	ug/L	0.00
7) Chloroethane-d5	1.93	69	174532	8.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	357800	9.97	ug/L	0.00
20) 2-Butanone-d5	4.69	46	539746	113.68	ug/L	0.00
24) Chloroform-d	5.11	84	382158	9.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	200349	9.51	ug/L	0.00
32) Benzene-d6	5.77	84	734688	10.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	238129	10.81	ug/L	0.00
41) Toluene-d8	7.93	98	691702	10.65	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	106380	11.59	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	485855	132.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	200921	10.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	255982	10.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	215806	7.371 ug/L	99
3) Chloromethane	1.54	50	208576	5.802 ug/L	96
5) Vinyl chloride	1.62	62	228307	6.631 ug/L	99
6) Bromomethane	1.87	94	125690	7.185 ug/L	97
8) Chloroethane	1.95	64	131740	6.431 ug/L	99
9) Trichlorofluoromethane	2.16	101	323208	7.367 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	165818	7.726 ug/L	98
12) 1,1-Dichloroethene	2.61	96	162553	8.191 ug/L	99
13) Acetone	2.68	43	342087m	88.511 ug/L	
14) Carbon disulfide	2.82	76	532768	8.015 ug/L	99
15) Methyl Acetate	2.99	43	79587	10.155 ug/L	93
16) Methylene chloride	3.08	84	187099	6.389 ug/L	96
17) Methyl tert-butyl Ether	3.42	73	479444	10.602 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	181391	8.561 ug/L	97
19) 1,1-Dichloroethane	3.92	63	340014	8.766 ug/L	99
21) 2-Butanone	4.77	43	557956	105.969 ug/L	96
22) cis-1,2-Dichloroethene	4.72	96	203259	8.928 ug/L	# 100
23) Bromochloromethane	5.02	128	87623	8.148 ug/L	94
25) Chloroform	5.13	83	357803	8.486 ug/L	99
27) 1,2-Dichloroethane	5.84	62	235089	9.296 ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	318439	9.538 ug/L	99
30) Cyclohexane	5.43	56	321078	10.940 ug/L	98
31) Carbon tetrachloride	5.57	117	282000	9.399 ug/L	99
33) Benzene	5.82	78	758308	9.287 ug/L	100
34) Trichloroethene	6.58	95	206753	9.694 ug/L	95
35) Methylcyclohexane	6.80	83	339865	10.907 ug/L	99
37) 1,2-Dichloropropane	6.83	63	197417	9.331 ug/L	100
38) Bromodichloromethane	7.14	83	267458	9.682 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	322510	10.828 ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	1394452	119.830 ug/L	100

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42) Toluene	8.00	91	840558	9.575	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	269328	10.918	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	142116	9.039	ug/L	99
47) Tetrachloroethene	8.58	164	146526	7.897	ug/L	96
48) 2-Hexanone	8.72	43	1023747	119.851	ug/L	99
49) Dibromochloromethane	8.84	129	186242	9.578	ug/L	97
50) 1,2-Dibromoethane	8.95	107	144835	9.576	ug/L	96
51) Chlorobenzene	9.47	112	528403	9.106	ug/L	99
52) Ethylbenzene	9.60	91	948806	10.434	ug/L	100
53) m,p-Xylene	9.72	106	363983	10.525	ug/L	98
54) o-Xylene	10.13	106	352206	10.467	ug/L	98
55) Styrene	10.14	104	598085	10.182	ug/L	99
56) Isopropylbenzene	10.51	105	934254	10.734	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	189131	9.414	ug/L	96
59) 1,2,3-Trichloropropane	10.85	75	138229	9.889	ug/L	96
61) Bromoform	10.32	173	108664	9.621	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	411031	9.525	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	402911	9.407	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	391675	9.532	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	34946	11.762	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	300770	9.239	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	240108	10.921	ug/L	98
69) Naphthalene	14.10	128	447197	14.779	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	224304	10.686	ug/L	99

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

