

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038841.D
 Acq On : 12 Jun 2020 10:19
 Operator : SY/MD
 Sample : VSTD01005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01005

Quant Time: Jun 12 10:56:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 10:34:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293828	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	293821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	153571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	155737	8.19	ug/L	0.00
7) Chloroethane-d5	1.93	69	127026	8.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	358175	9.57	ug/L	0.00
20) 2-Butanone-d5	4.68	46	515502	89.23	ug/L	0.00
24) Chloroform-d	5.10	84	352633	9.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	195414	9.64	ug/L	0.00
32) Benzene-d6	5.76	84	696002	9.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	208374	9.24	ug/L	0.00
41) Toluene-d8	7.92	98	646702	9.83	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	96301	9.93	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	438551	91.55	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	178377	9.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	246726	9.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	275102	11.879 ug/L	100
3) Chloromethane	1.53	50	225007	10.580 ug/L	99
5) Vinyl chloride	1.62	62	241226	10.586 ug/L	100
6) Bromomethane	1.87	94	140967	12.743 ug/L	98
8) Chloroethane	1.95	64	142788	10.458 ug/L	99
9) Trichlorofluoromethane	2.16	101	357316	11.821 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	203229	11.415 ug/L	98
12) 1,1-Dichloroethene	2.60	96	197923	10.938 ug/L	94
13) Acetone	2.68	43	393800	104.162 ug/L	98
14) Carbon disulfide	2.82	76	671208	10.932 ug/L	98
15) Methyl Acetate	2.99	43	95826	10.346 ug/L	99
16) Methylene chloride	3.08	84	218596	10.675 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	528680	11.142 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	210937	10.816 ug/L	99
19) 1,1-Dichloroethane	3.91	63	383307	10.983 ug/L	100
21) 2-Butanone	4.75	43	676122	106.326 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	225721	10.749 ug/L	99
23) Bromochloromethane	5.01	128	102940	10.893 ug/L	94
25) Chloroform	5.13	83	390829	11.024 ug/L	99
27) 1,2-Dichloroethane	5.83	62	277618	11.123 ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	349763	11.250 ug/L	98
30) Cyclohexane	5.42	56	349444	10.719 ug/L	98
31) Carbon tetrachloride	5.56	117	297725	11.502 ug/L	100
33) Benzene	5.81	78	868142	10.596 ug/L	100
34) Trichloroethene	6.57	95	225678	10.612 ug/L	97
35) Methylcyclohexane	6.79	83	361828	10.990 ug/L	96
37) 1,2-Dichloropropane	6.82	63	217155	10.533 ug/L	100
38) Bromodichloromethane	7.13	83	283734	11.081 ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	338489	11.109 ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	1519811	103.075 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	937436	10.908	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	299353	11.124	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	166137	10.681	ug/L	97
47) Tetrachloroethene	8.57	164	170104	11.010	ug/L	99
48) 2-Hexanone	8.71	43	1152063	103.172	ug/L	99
49) Dibromochloromethane	8.83	129	190893	11.370	ug/L	98
50) 1,2-Dibromoethane	8.94	107	163110	10.951	ug/L	99
51) Chlorobenzene	9.47	112	592422	10.689	ug/L	98
52) Ethylbenzene	9.59	91	1036183	10.837	ug/L	99
53) m,p-Xylene	9.71	106	403008	10.960	ug/L	98
54) o-Xylene	10.11	106	387091	10.966	ug/L	97
55) Styrene	10.13	104	688506	11.491	ug/L	97
56) Isopropylbenzene	10.50	105	1025171	11.034	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	205962	10.419	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	162034	10.529	ug/L	100
61) Bromoform	10.31	173	108344	11.325	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	480131	10.641	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	484033	10.579	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	455475	10.631	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	37208	10.726	ug/L	95
67) 1,3,5-Trichlorobenzene	13.24	180	355703	10.566	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	323389	10.379	ug/L	98
69) Naphthalene	14.11	128	654125	10.549	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	305344	10.770	ug/L	99

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

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