

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038889.D
 Acq On : 15 Jun 2020 13:21
 Operator : SY/MD
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Quant Time: Jun 15 13:43:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 15 13:39:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	293241	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	300536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	159133	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137406	8.60	ug/L	0.00
7) Chloroethane-d5	1.93	69	126749	9.87	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	334813	9.21	ug/L	0.00
20) 2-Butanone-d5	4.68	46	507940	101.26	ug/L	0.00
24) Chloroform-d	5.10	84	345915	9.78	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	186675	9.33	ug/L	0.00
32) Benzene-d6	5.76	84	639437	9.10	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	196253	9.34	ug/L	0.00
41) Toluene-d8	7.92	98	595148	9.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	88562	9.49	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	506204	122.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	178548	9.71	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	240106	9.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	264093	9.245 ug/L	98
3) Chloromethane	1.53	50	233587	9.913 ug/L	100
5) Vinyl chloride	1.62	62	242703	9.694 ug/L	98
6) Bromomethane	1.87	94	146560	10.203 ug/L	99
8) Chloroethane	1.95	64	174617	11.293 ug/L	100
9) Trichlorofluoromethane	2.16	101	410093	11.037 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	203680	9.585 ug/L	98
12) 1,1-Dichloroethene	2.60	96	195675	9.528 ug/L	98
13) Acetone	2.68	43	407920	100.240 ug/L	98
14) Carbon disulfide	2.82	76	664966	9.512 ug/L	100
15) Methyl Acetate	2.99	43	100117	10.071 ug/L	100
16) Methylene chloride	3.08	84	222847	9.438 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	538710	10.181 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	213032	9.661 ug/L	100
19) 1,1-Dichloroethane	3.91	63	391001	9.852 ug/L	99
21) 2-Butanone	4.76	43	679328	101.623 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	226435	9.859 ug/L	99
23) Bromochloromethane	5.01	128	106125	9.857 ug/L	97
25) Chloroform	5.12	83	406143	9.926 ug/L	97
27) 1,2-Dichloroethane	5.83	62	284716	9.980 ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	355987	9.598 ug/L	99
30) Cyclohexane	5.42	56	336628	9.365 ug/L	98
31) Carbon tetrachloride	5.56	117	302293	9.655 ug/L	100
33) Benzene	5.81	78	869450	9.574 ug/L	100
34) Trichloroethene	6.57	95	222933	9.401 ug/L	97
35) Methylcyclohexane	6.79	83	347981	9.437 ug/L	98
37) 1,2-Dichloropropane	6.82	63	220267	9.628 ug/L	100
38) Bromodichloromethane	7.13	83	290968	9.804 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	335922	9.906 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1537382	100.415 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	940434	9.810	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	302237	10.007	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	169584	9.720	ug/L	99
47) Tetrachloroethene	8.57	164	178377	9.771	ug/L	98
48) 2-Hexanone	8.71	43	1375835	116.981	ug/L	99
49) Dibromochloromethane	8.83	129	210972	10.832	ug/L	95
50) 1,2-Dibromoethane	8.94	107	174716	10.259	ug/L	97
51) Chlorobenzene	9.47	112	601090	9.736	ug/L	99
52) Ethylbenzene	9.59	91	1120285	10.607	ug/L	99
53) m,p-Xylene	9.71	106	435013	10.900	ug/L	100
54) o-Xylene	10.12	106	419972	10.960	ug/L	100
55) Styrene	10.13	104	744142	11.285	ug/L	100
56) Isopropylbenzene	10.50	105	1026961	10.026	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	215146	9.917	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	179045	10.550	ug/L	100
61) Bromoform	10.31	173	117722	10.272	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	487038	9.480	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	494305	9.433	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	483648	10.008	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	38871	9.917	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	360594	9.582	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	327210	9.826	ug/L	98
69) Naphthalene	14.11	128	655686	10.372	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	308641	10.139	ug/L	98

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

