

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU053120\
 Data File : VU038405.D
 Acq On : 30 May 2020 11:13
 Operator : JC/MD
 Sample : VSTD0.501
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.501

Quant Time: Jun 01 01:27:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 01:25:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	340878	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	331364	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165883	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	11806	0.54	ug/L	0.00
7) Chloroethane-d5	1.93	69	8851	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	23745	0.55	ug/L	0.00
20) 2-Butanone-d5	4.69	46	33292	4.97	ug/L	0.00
24) Chloroform-d	5.10	84	21832	0.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	12916	0.55	ug/L	0.00
32) Benzene-d6	5.76	84	43083	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	13737	0.54	ug/L	0.00
41) Toluene-d8	7.92	98	38786	0.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	5653	0.52	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	26759	4.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	11126	0.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	15902	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	14955	0.557 ug/L	97
3) Chloromethane	1.53	50	13564	0.550 ug/L	98
5) Vinyl chloride	1.62	62	14441	0.546 ug/L	99
6) Bromomethane	1.87	94	6696	0.522 ug/L	94
8) Chloroethane	1.95	64	8650	0.546 ug/L	97
9) Trichlorofluoromethane	2.16	101	19544	0.557 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	11588	0.561 ug/L	97
12) 1,1-Dichloroethene	2.61	96	11992	0.571 ug/L	89
13) Acetone	2.69	43	23840	5.435 ug/L	71
14) Carbon disulfide	2.82	76	39569	0.555 ug/L	97
15) Methyl Acetate	3.00	43	5400	0.503 ug/L #	80
16) Methylene chloride	3.08	84	13974	0.588 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	27155	0.493 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	12376	0.547 ug/L	96
19) 1,1-Dichloroethane	3.91	63	21447	0.530 ug/L	98
21) 2-Butanone	4.77	43	37073	5.025 ug/L	89
22) cis-1,2-Dichloroethene	4.71	96	13527	0.555 ug/L	91
23) Bromochloromethane	5.01	128	6342	0.578 ug/L	90
25) Chloroform	5.13	83	21725	0.528 ug/L	95
27) 1,2-Dichloroethane	5.83	62	16154	0.558 ug/L	97
29) 1,1,1-Trichloroethane	5.35	97	18734	0.534 ug/L	99
30) Cyclohexane	5.42	56	20268	0.551 ug/L	98
31) Carbon tetrachloride	5.56	117	15404	0.528 ug/L	93
33) Benzene	5.81	78	49836	0.539 ug/L	100
34) Trichloroethene	6.57	95	13502	0.563 ug/L	96
35) Methylcyclohexane	6.79	83	20634	0.556 ug/L	97
37) 1,2-Dichloropropane	6.83	63	12252	0.527 ug/L	98
38) Bromodichloromethane	7.13	83	14966	0.518 ug/L	94
39) cis-1,3-Dichloropropene	7.63	75	16865	0.491 ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	86733	5.216 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.99	91	50232	0.518	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	14825	0.488	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	9294	0.530	ug/L	95
47) Tetrachloroethene	8.57	164	9515	0.546	ug/L	92
48) 2-Hexanone	8.71	43	65801	5.225	ug/L	100
49) Dibromochloromethane	8.83	129	9505	0.502	ug/L	98
50) 1,2-Dibromoethane	8.94	107	8763	0.522	ug/L #	99
51) Chlorobenzene	9.46	112	33883	0.542	ug/L	98
52) Ethylbenzene	9.59	91	56566	0.525	ug/L	97
53) m,p-Xylene	9.71	106	21251	0.512	ug/L	95
54) o-Xylene	10.12	106	19893	0.500	ug/L	98
55) Styrene	10.13	104	32584	0.482	ug/L	99
56) Isopropylbenzene	10.50	105	53073	0.507	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	11948	0.536	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	9486	0.547	ug/L	94
61) Bromoform	10.31	173	4876	0.472	ug/L #	94
62) 1,3-Dichlorobenzene	11.76	146	26764	0.549	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	27659	0.560	ug/L	97
65) 1,2-Dichlorobenzene	12.22	146	25025	0.541	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	2141	0.571	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	20285	0.558	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	18528	0.551	ug/L	98
69) Naphthalene	14.12	128	34737	0.519	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	16832	0.550	ug/L	99

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

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