

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038029.D
 Acq On : 07 May 2020 10:10
 Operator : JC/MD
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00101

Quant Time: May 07 11:15:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 11:12:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	370554	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	173792	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	33716	1.20	ug/L	0.00
7) Chloroethane-d5	1.93	69	30184	1.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	57022	1.14	ug/L	0.00
20) 2-Butanone-d5	4.68	46	82300	10.69	ug/L	0.00
24) Chloroform-d	5.10	84	52953	1.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	29841	1.16	ug/L	0.00
32) Benzene-d6	5.76	84	110853	1.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	35885	1.13	ug/L	0.00
41) Toluene-d8	7.92	98	98314	1.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	13531	0.95	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	65558	8.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	27825	1.11	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	35285	1.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	32807	1.021 ug/L	97
3) Chloromethane	1.53	50	42809	1.077 ug/L	98
5) Vinyl chloride	1.62	62	39741	1.018 ug/L	99
6) Bromomethane	1.87	94	22905	1.022 ug/L	99
8) Chloroethane	1.95	64	24953	1.088 ug/L	98
9) Trichlorofluoromethane	2.16	101	41321	0.986 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	25299	1.037 ug/L	98
12) 1,1-Dichloroethene	2.61	96	25968	1.016 ug/L	88
13) Acetone	2.68	43	54274	10.689 ug/L	100
14) Carbon disulfide	2.82	76	90570	0.970 ug/L	100
15) Methyl Acetate	2.99	43	14766	1.046 ug/L	98
16) Methylene chloride	3.08	84	31673	1.099 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	71223	0.962 ug/L	99
18) trans-1,2-Dichloroethene	3.38	96	28091	1.013 ug/L	99
19) 1,1-Dichloroethane	3.91	63	55896	1.042 ug/L	99
21) 2-Butanone	4.76	43	94316	10.224 ug/L	96
22) cis-1,2-Dichloroethene	4.71	96	31113	1.039 ug/L	97
23) Bromochloromethane	5.02	128	13533	1.066 ug/L	99
25) Chloroform	5.12	83	53556	1.051 ug/L	100
27) 1,2-Dichloroethane	5.83	62	37159	1.079 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	42768	0.977 ug/L	99
30) Cyclohexane	5.42	56	46784	0.864 ug/L	96
31) Carbon tetrachloride	5.56	117	33850	0.971 ug/L	99
33) Benzene	5.81	78	120095	1.008 ug/L	100
34) Trichloroethene	6.57	95	29516	1.008 ug/L	92
35) Methylcyclohexane	6.79	83	45103	0.879 ug/L	100
37) 1,2-Dichloropropane	6.82	63	32086	1.015 ug/L	99
38) Bromodichloromethane	7.13	83	36940	0.983 ug/L	98
39) cis-1,3-Dichloropropene	7.63	75	43617	0.882 ug/L	96
40) 4-Methyl-2-pentanone	7.82	43	217433	9.359 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	125032	1.002	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	37513	0.874	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	22646	1.063	ug/L	96
47) Tetrachloroethene	8.57	164	20770	0.987	ug/L	99
48) 2-Hexanone	8.71	43	156105	9.385	ug/L	99
49) Dibromochloromethane	8.83	129	22440	0.922	ug/L	90
50) 1,2-Dibromoethane	8.94	107	20168	0.985	ug/L #	96
51) Chlorobenzene	9.47	112	78317	1.028	ug/L	97
52) Ethylbenzene	9.59	91	131494	0.947	ug/L	100
53) m,p-Xylene	9.71	106	50886	0.968	ug/L	93
54) o-Xylene	10.11	106	49103	0.949	ug/L	95
55) Styrene	10.13	104	79133	0.895	ug/L	98
56) Isopropylbenzene	10.50	105	121775	0.898	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	27374	0.988	ug/L	95
59) 1,2,3-Trichloropropane	10.84	75	21488	1.039	ug/L	95
61) Bromoform	10.31	173	11669	0.845	ug/L #	93
62) 1,3-Dichlorobenzene	11.76	146	56582	0.972	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	57694	0.988	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	56954	1.039	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	4306	0.848	ug/L #	86
67) 1,3,5-Trichlorobenzene	13.24	180	41198	0.965	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	37147	0.948	ug/L	99
69) Naphthalene	14.11	128	73844	0.931	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	33490	0.959	ug/L	99

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

