Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070620\
Data File : VU039279.D
Acq On : 06 Jul 2020 09:31
Operator : SY/MD
Sample : VSTD0.504
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 06 11:02:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jul 06 10:57:06 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTD0.504

Manual Integrations APPROVED
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7/8/2020 2:52:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	179615	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	165120	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	81402	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	6787	0.53	ug/L		0.00
7) Chloroethane-d5	1.93	69	6700	0.59	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.58	63	12829	0.50	ug/L		0.00
20) 2-Butanone-d5	4.66	46	25451	6.11	ug/L		0.00
24) Chloroform-d	5.09	84	12309	0.47	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.72	65	8366	0.55	ug/L		0.00
32) Benzene-d6	5.75	84	24098	0.62	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.70	67	8455	0.68	ug/L		0.00
41) Toluene-d8	7.91	98	22429	0.63	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.19	79	3678	0.58	ug/L		0.00
46) 2-Hexanone-d5	8.64	63	19435	6.15	ug/L		0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	7918	0.62	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	9202	0.65	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	5311	0.338	ug/L		100
3) Chloromethane	1.53	50	7009	0.408	ug/L		98
5) Vinyl chloride	1.61	62	6771	0.399	ug/L	#	74
6) Bromomethane	1.87	94	4333	0.417	ug/L		99
8) Chloroethane	1.94	64	4648m	0.410	ug/L		
9) Trichlorofluoromethane	2.15	101	10286	0.398	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	5277	0.416	ug/L		95
12) 1,1-Dichloroethene	2.59	96	5314	0.454	ug/L		94
13) Acetone	2.66	43	14369	4.805	ug/L		98
14) Carbon disulfide	2.81	76	17037	0.451	ug/L		98
15) Methyl Acetate	2.97	43	2986	0.439	ug/L	#	88
16) Methylene chloride	3.06	84	7909	0.529	ug/L		90
17) Methyl tert-butyl Ether	3.38	73	17586	0.459	ug/L		95
18) trans-1,2-Dichloroethene	3.37	96	5622	0.421	ug/L		88
19) 1,1-Dichloroethane	3.89	63	11931	0.442	ug/L		96
21) 2-Butanone	4.74	43	23454	4.935	ug/L		100
22) cis-1,2-Dichloroethene	4.69	96	6795	0.494	ug/L		85
23) Bromochloromethane	5.00	128	2858	0.427	ug/L		98
25) Chloroform	5.11	83	12284	0.440	ug/L		98
27) 1,2-Dichloroethane	5.81	62	8766	0.446	ug/L		96
29) 1,1,1-Trichloroethane	5.33	97	9655	0.468	ug/L		93
30) Cyclohexane	5.40	56	9391	0.509	ug/L		97
31) Carbon tetrachloride	5.54	117	8380	0.488	ug/L		96
33) Benzene	5.79	78	25244	0.539	ug/L		100
34) Trichloroethene	6.56	95	6136	0.507	ug/L		99
35) Methylcyclohexane	6.77	83	10032	0.560	ug/L		97
37) 1,2-Dichloropropane	6.81	63	6990	0.565	ug/L	#	93
38) Bromodichloromethane	7.12	83	9316	0.554	ug/L		95
39) cis-1,3-Dichloropropene	7.62	75	10724	0.554	ug/L		91
40) 4-Methyl-2-pentanone	7.80	43	60403	5.981	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) Toluene	7.98	91	26137	0.497 ug/L		95
44) trans-1,3-Dichloropropene	8.22	75	9659	0.507 ug/L		95
45) 1,1,2-Trichloroethane	8.41	97	5186	0.501 ug/L		96
47) Tetrachloroethene	8.56	164	4131	0.458 ug/L		89
48) 2-Hexanone	8.69	43	43637	5.305 ug/L		98
49) Dibromochloromethane	8.82	129	6157	0.530 ug/L		94
50) 1,2-Dibromoethane	8.93	107	4829	0.492 ug/L	#	94
51) Chlorobenzene	9.45	112	15744	0.471 ug/L		94
52) Ethylbenzene	9.57	91	27649	0.490 ug/L		99
53) m,p-Xylene	9.69	106	10189	0.494 ug/L		97
54) o-Xylene	10.10	106	10094	0.509 ug/L		97
55) Styrene	10.11	104	18351	0.525 ug/L		99
56) Isopropylbenzene	10.48	105	28190	0.535 ug/L		98
58) 1,1,2,2-Tetrachloroethane	10.78	83	7291	0.533 ug/L		98
59) 1,2,3-Trichloropropane	10.83	75	5223	0.510 ug/L		97
61) Bromoform	10.29	173	3600	0.540 ug/L	#	96
62) 1,3-Dichlorobenzene	11.74	146	12990	0.507 ug/L		97
63) 1,4-Dichlorobenzene	11.83	146	12963	0.509 ug/L		97
65) 1,2-Dichlorobenzene	12.21	146	12682	0.495 ug/L		96
66) 1,2-Dibromo-3-chloropropan	12.99	75	1196	0.464 ug/L	#	80
67) 1,3,5-Trichlorobenzene	13.21	180	9607	0.504 ug/L		98
68) 1,2,4-trichlorobenzene	13.83	180	8049	0.500 ug/L		95
69) Naphthalene	14.08	128	14264	0.493 ug/L		98
70) 1,2,3-Trichlorobenzene	14.32	180	7334	0.490 ug/L		98

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

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