Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102820\
Data File : VU040997.D
Acq On : 28 Oct 2020 16:58
Operator : SY/MD
Sample : VSTD0.502
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 29 01:40:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 01:21:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130250	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	134582	5.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	59133	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.60	65	4284	0.49	ug/L		0.00
7) Chloroethane-d5	1.92	69	3542	0.50	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.58	65	2110	0.48	ug/L		0.00
20) 2-Butanone-d5	4.67	46	17172	5.20	ug/L		0.00
24) Chloroform-d	5.08	84	8581	0.50	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.72	65	5785	0.53	ug/L		0.00
32) Benzene-d6	5.74	84	15209	0.44	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.70	67	5226	0.45	ug/L		0.00
41) Toluene-d8	7.91	98	12231	0.39	ug/L		0.00
43) trans-1,3-Dichloropropene-	8.18	79	2096	0.44	ug/L		0.00
46) 2-Hexanone-d5	8.64	63	9961	4.05	ug/L		0.00
56) 1,1,2,2-Tetrachloroethane-	10.75	84	4958	0.50	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	12.19	152	4720	0.47	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	5368	0.407	ug/L		98
3) Chloromethane	1.53	50	5949	0.455	ug/L		95
5) Vinyl chloride	1.61	62	5802	0.448	ug/L		92
6) Bromomethane	1.87	94	2952	0.427	ug/L		95
8) Chloroethane	1.94	64	4433	0.577	ug/L		89
9) Trichlorofluoromethane	2.15	101	8200	0.469	ug/L		98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	4789	0.449	ug/L		93
12) 1,1-Dichloroethene	2.59	96	4582	0.459	ug/L		96
13) Acetone	2.67	43	12112m	4.944	ug/L		
14) Carbon disulfide	2.81	76	14270	0.416	ug/L		97
15) Methyl Acetate	2.98	43	2598	0.427	ug/L	#	81
16) Methylene chloride	3.06	84	5672	0.454	ug/L		95
17) Methyl tert-butyl Ether	3.38	73	11241	0.430	ug/L	#	90
18) trans-1,2-Dichloroethene	3.37	96	4719	0.454	ug/L		86
19) 1,1-Dichloroethane	3.89	63	9537	0.462	ug/L		94
21) 2-Butanone	4.75	43	18264	4.545	ug/L		94
22) cis-1,2-Dichloroethene	4.69	96	4928	0.451	ug/L		77
23) Bromochloromethane	5.00	128	2226	0.431	ug/L		87
25) Chloroform	5.11	83	9829	0.474	ug/L		98
27) 1,2-Dichloroethane	5.81	62	7204	0.480	ug/L		97
29) 1,1,1-Trichloroethane	5.33	97	8104	0.436	ug/L		98
30) Cyclohexane	5.41	56	6484	0.329	ug/L		97
31) Carbon tetrachloride	5.54	117	6803	0.430	ug/L		94
33) Benzene	5.79	78	18277	0.401	ug/L		100
34) Trichloroethene	6.55	95	5260	0.447	ug/L		83
35) Methylcyclohexane	6.77	83	5875	0.324	ug/L		98
37) 1,2-Dichloropropane	6.80	63	5388	0.421	ug/L	#	92
38) Bromodichloromethane	7.11	83	6689	0.432	ug/L	#	97
39) cis-1,3-Dichloropropene	7.61	75	6813	0.397	ug/L		90
40) 4-Methyl-2-pentanone	7.80	43	35304	3.672	ug/L		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	7.98	91	16775	0.364	ug/L		100
44) trans-1,3-Dichloropropene	8.21	75	5914	0.373	ug/L		84
45) 1,1,2-Trichloroethane	8.41	97	3892	0.448	ug/L		91
47) Tetrachloroethene	8.56	164	3296	0.386	ug/L	#	81
48) 2-Hexanone	8.69	43	26418	3.759	ug/L		99
49) Dibromochloromethane	8.82	129	4186	0.419	ug/L		96
50) 1,2-Dibromoethane	8.92	107	3549	0.424	ug/L	#	99
51) Chlorobenzene	9.45	112	12216	0.413	ug/L		99
52) Ethylbenzene	9.57	91	16880	0.336	ug/L		99
53) m,p-Xylene	9.69	106	5817	0.321	ug/L		97
54) o-Xylene	10.10	106	5761	0.330	ug/L		99
55) Styrene	10.11	104	9550	0.317	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.78	83	4747	0.415	ug/L		97
59) Bromoform	10.29	173	2421	0.508	ug/L	#	96
60) Isopropylbenzene	10.48	105	14676	0.365	ug/L		98
61) 1,2,3-Trichloropropane	10.82	75	3705	0.487	ug/L		91
62) 1,3,5-Trimethylbenzene	11.09	105	11474	0.356	ug/L		100
63) 1,2,4-Trimethylbenzene	11.46	105	10620	0.325	ug/L		99
64) 1,3-Dichlorobenzene	11.74	146	8260	0.413	ug/L		95
65) 1,4-Dichlorobenzene	11.83	146	8569	0.415	ug/L		96
67) 1,2-Dichlorobenzene	12.21	146	8342	0.443	ug/L	#	94
68) 1,2-Dibromo-3-chloropropan	12.99	75	753	0.421	ug/L		92
69) 1,3,5-Trichlorobenzene	13.21	180	5411	0.386	ug/L		97
70) 1,2,4-trichlorobenzene	13.83	180	4376	0.387	ug/L		97
71) Naphthalene	14.08	128	5686	0.292	ug/L	#	95
72) 1,2,3-Trichlorobenzene	14.32	180	3700	0.362	ug/L		98

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

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