Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091217\
Data File : BM011510.D
Acq On : 12 Sep 2017 09:19
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

Quant Time: Sep 13 06:39:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 12 17:48:41 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	410697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	1933988	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1188175	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2723446	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3231910	20.00	ng/ul	0.00
86) Perylene-d12	23.88	264	2964120	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	75299	8.25	ng/uL	0.00
5) Phenol-d5	7.12	99	757594	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	540074	20.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	587812	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	602753	19.58	ng/ul	0.00
19) Nitrobenzene-d5	9.14	128	286500	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	284353	18.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.40	165	599983	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.92	131	755267	22.27	ng/ul	0.00
44) Dimethylphthalate-d6	14.01	166	1969942	19.61	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2413903	19.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	343439	18.19	ng/ul	0.00
58) Fluorene-d10	15.59	176	1750410	20.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	270340	17.06	ng/ul	0.00
71) Anthracene-d10	17.44	188	2704909	20.17	ng/ul	0.00
79) Pyrene-d10	19.73	212	2996861	19.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	2805272	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	82392	8.233	ng/uL#	70
4) Benzaldehyde	7.12	77	419941	18.636	ng/ul	95
6) Phenol	7.15	94	768600	19.634	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.39	93	605584	19.650	ng/ul#	83
10) 2-Chlorophenol	7.53	128	572000	19.729	ng/ul	93
11) 2-Methylphenol	8.41	108	574657	19.361	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1077460	21.570	ng/ul#	91
14) Acetophenone	8.80	105	946913	20.122	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.78	70	521667	20.659	ng/ul#	76
16) 4-Methylphenol	8.73	108	645064	19.863	ng/ul	96
17) Hexachloroethane	9.06	117	224034	20.213	ng/ul	84
20) Nitrobenzene	9.18	77	693992	20.103	ng/ul	95
21) Isophorone	9.70	82	1392605	20.035	ng/ul#	98
23) 2-Nitrophenol	9.89	139	309265	19.286	ng/ul#	92
24) 2,4-Dimethylphenol	9.94	107	689964	20.109	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.18	93	897278	19.798	ng/ul	98
27) 2,4-Dichlorophenol	10.42	162	586316	19.794	ng/ul	98
28) Naphthalene	10.83	128	1995374	19.896	ng/ul	98
30) 4-Chloroaniline	10.94	127	711914	22.099	ng/ul	97
31) Hexachlorobutadiene	11.11	225	331960	19.745	ng/ul	97
32) Caprolactam	11.71	113	167804	17.996	ng/ul#	54
33) 4-Chloro-3-methylphenol	12.05	107	634748	20.212	ng/ul	96
34) 2-Methylnaphthalene	12.43	142	1495716	20.083	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.66	142	1439013	20.287	ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	692055	19.635	ng/ul#	95
38) Hexachlorocyclopentadiene	12.78	237	332109	16.811	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.04	196	451234	18.804	ng/ul	100
40) 2,4,5-Trichlorophenol	13.11	196	475309	19.535	ng/ul	97
41) 1,1'-Biphenyl	13.44	154	1942878	19.650	ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	1446410	19.442	ng/ul	98
43) 2-Nitroaniline	13.69	65	465318	20.138	ng/ul	84
45) Dimethylphthalate	14.06	163	1881502	19.564	ng/ul#	98
46) 2,6-Dinitrotoluene	14.18	165	330780	19.475	ng/ul	93
48) Acenaphthylene	14.33	152	2473478	20.229	ng/ul	98
49) 3-Nitroaniline	14.51	138	387388	18.497	ng/ul	97
50) Acenaphthene	14.67	153	1652616	20.004	ng/ul	99
51) 2,4-Dinitrophenol	14.71	184	169223	16.126	ng/ul#	73
53) 4-Nitrophenol	14.80	109	232728	19.182	ng/ul#	56
54) Dibenzofuran	15.00	168	2302634	19.926	ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	505248	20.236	ng/ul#	75
56) 2,3,4,6-Tetrachlorophenol	15.22	232	434265	19.583	ng/ul#	76
57) Diethylphthalate	15.42	149	2003374	20.017	ng/ul	96
59) Fluorene	15.65	166	2007852	20.731	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.64	204	920110	20.276	ng/ul#	90
61) 4-Nitroaniline	15.67	138	414119	18.459	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.72	198	278502	17.151	ng/ul	94
65) N-Nitrosodiphenylamine	15.85	169	1647133	19.855	ng/ul	99
66) 4-Bromophenyl-phenylether	16.53	248	546876	19.660	ng/ul#	92
67) Hexachlorobenzene	16.65	284	588374	19.215	ng/ul#	88
68) Atrazine	16.80	200	553208	19.247	ng/ul	96
69) Pentachlorophenol	16.99	266	340800	17.334	ng/ul	97
70) Phenanthrene	17.39	178	3066515	20.201	ng/ul	99
72) Anthracene	17.48	178	3228807	20.728	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.41	216	689076	18.987	ng/uL	98
74) Pentachlorobenzene	14.92	250	709685	19.281	ng/uL	98
75) Carbazole	17.74	167	2818773	21.211	ng/ul	98
76) Di-n-butylphthalate	18.30	149	3686158	21.118	ng/ul	99
77) Fluoranthene	19.39	202	3575650	22.901	ng/ul#	87
80) Pyrene	19.76	202	3846315	20.398	ng/ul#	84
81) Butylbenzylphthalate	20.64	149	1631611	18.815	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.42	252	1146265	19.530	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	3655356	20.541	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.40	149	2583151	19.397	ng/ul#	96
85) Chrysene	21.54	228	3280173	20.333	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	4441202	21.112	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3563915	19.986	ng/ul#	96
89) Benzo(k)fluoranthene	23.21	252	3367538	19.664	ng/ul#	96
91) Benzo(a)pyrene	23.78	252	3369352	20.018	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.32	276	3746701	20.236	ng/ul#	84
93) Dibenzo(a,h)anthracene	26.33	278	3159825	20.127	ng/ul#	94
94) Benzo(g,h,i)perylene	27.07	276	3010209	20.076	ng/ul#	89

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

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

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