Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092717\
Data File : BM011742.D
Acq On : 28 Sep 2017 02:34
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02047

Quant Time: Sep 28 04:09:24 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM092717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:06:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	203455	20.00	ng/ul	0.00
18) Naphthalene-d8	10.74	136	934529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.57	164	547789	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.32	188	1229867	20.00	ng/ul	0.00
75) Chrysene-d12	21.48	240	1397068	20.00	ng/ul	0.00
83) Perylene-d12	23.84	264	1231256	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	35225	7.72	ng/uL	0.00
5) Phenol-d5	7.09	99	376401	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	279665	19.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	298219	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.63	113	304425	19.42	ng/ul	0.00
19) Nitrobenzene-d5	9.10	128	144482	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	159327	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.36	165	298632	20.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	381702	23.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	932152	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	1124647	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	149321	18.60	ng/ul	0.00
57) Fluorene-d10	15.56	176	786702	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.68	200	143134	17.18	ng/ul	0.00
70) Anthracene-d10	17.41	188	1233888	19.72	ng/ul	0.00
76) Pyrene-d10	19.70	212	1387410	20.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.69	264	1195670	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	37812	7.445	ng/uL	95
4) Benzaldehyde	7.07	77	229306	23.367	ng/ul	94
6) Phenol	7.12	94	382641	18.907	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.36	93	303208	19.487	ng/ul#	82
10) 2-Chlorophenol	7.50	128	287722	19.807	ng/ul#	84
11) 2-Methylphenol	8.37	108	282553	19.012	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.47	45	658904	19.771	ng/ul#	97
14) Acetophenone	8.76	105	493859	19.608	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.74	70	290899	20.463	ng/ul	93
16) 4-Methylphenol	8.70	108	317825	19.454	ng/ul	86
17) Hexachloroethane	9.02	117	127031	19.831	ng/ul#	66
20) Nitrobenzene	9.14	77	399336	19.904	ng/ul	99
21) Isophorone	9.66	82	756132	20.091	ng/ul#	97
23) 2-Nitrophenol	9.85	139	162918	20.126	ng/ul#	85
24) 2,4-Dimethylphenol	9.90	107	370771	20.119	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.15	93	428980	19.686	ng/ul	95
27) 2,4-Dichlorophenol	10.39	162	288532	20.445	ng/ul#	91
28) Naphthalene	10.79	128	950315	19.456	ng/ul	99
30) 4-Chloroaniline	10.90	127	362764	22.863	ng/ul	95
31) Hexachlorobutadiene	11.07	225	194176	19.545	ng/ul	93
32) Caprolactam	11.67	113	83855	18.339	ng/ul	92
33) 4-Chloro-3-methylphenol	12.02	107	322095	20.160	ng/ul	99
34) 2-Methylnaphthalene	12.40	142	685969	19.811	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.76	216	362396	19.570 ng/ul#	94
37) Hexachlorocyclopentadiene	12.74	237	206310	17.334 ng/ul	98
38) 2,4,6-Trichlorophenol	13.00	196	240120	20.192 ng/ul	95
39) 2,4,5-Trichlorophenol	13.07	196	249153	20.238 ng/ul	98
40) 1,1'-Biphenyl	13.40	154	886243	19.643 ng/ul#	97
41) 2-Chloronaphthalene	13.45	162	683833	19.780 ng/ul	97
42) 2-Nitroaniline	13.65	65	262833	20.674 ng/ul	84
44) Dimethylphthalate	14.02	163	880871	19.603 ng/ul	99
45) 2,6-Dinitrotoluene	14.14	165	168096	20.314 ng/ul#	86
47) Acenaphthylene	14.30	152	1127436	19.781 ng/ul	99
48) 3-Nitroaniline	14.47	138	157151	18.571 ng/ul	96
49) Acenaphthene	14.63	153	756418	19.487 ng/ul	98
50) 2,4-Dinitrophenol	14.68	184	90855	16.726 ng/ul#	65
52) 4-Nitrophenol	14.77	109	149392	19.019 ng/ul	98
53) Dibenzofuran	14.97	168	1042395	19.553 ng/ul	93
54) 2,4-Dinitrotoluene	14.93	165	237993	20.155 ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.19	232	229077	20.173 ng/ul#	82
56) Diethylphthalate	15.38	149	924702	19.570 ng/ul	93
58) Fluorene	15.62	166	873748	19.355 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.61	204	444659	19.589 ng/ul	96
60) 4-Nitroaniline	15.64	138	170406	18.351 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.69	198	147726	17.463 ng/ul	94
64) N-Nitrosodiphenylamine	15.82	169	713751	19.633 ng/ul	97
65) 4-Bromophenyl-phenylether	16.50	248	260572	19.262 ng/ul	93
66) Hexachlorobenzene	16.62	284	300858	20.016 ng/ul#	89
67) Atrazine	16.77	200	265918	18.867 ng/ul	95
68) Pentachlorophenol	16.96	266	179911	18.182 ng/ul	97
69) Phenanthrene	17.36	178	1341442	19.488 ng/ul	98
71) Anthracene	17.44	178	1403524	19.790 ng/ul	98
72) Carbazole	17.72	167	1159923	18.669 ng/ul	98
73) Di-n-butylphthalate	18.26	149	1573392	19.663 ng/ul	98
74) Fluoranthene	19.36	202	1600865	19.048 ng/ul#	90
77) Pyrene	19.73	202	1719159	20.650 ng/ul#	87
78) Butylbenzylphthalate	20.61	149	734664	21.112 ng/ul#	96
79) 3,3'-Dichlorobenzidine	21.40	252	509569	19.182 ng/ul#	94
80) Benzo(a)anthracene	21.46	228	1623388	20.770 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.37	149	1094683	21.075 ng/ul#	94
82) Chrysene	21.52	228	1490484	20.219 ng/ul	98
84) Di-n-octyl phthalate	22.29	149	1893345	19.896 ng/ul#	86
85) Benzo(b)fluoranthene	23.13	252	1513287	20.831 ng/ul#	97
86) Benzo(k)fluoranthene	23.17	252	1467050	19.796 ng/ul#	97
88) Benzo(a)pyrene	23.74	252	1434310	20.442 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.26	276	1337815	18.313 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.27	278	1138663	18.610 ng/ul#	96
91) Benzo(g,h,i)perylene	27.01	276	1085816	17.907 ng/ul#	92

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

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