Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101216\
Data File : BB058613.D
Acq On : 12 Oct 2016 10:10
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD02084

Quant Time: Oct 12 11:53:48 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 14:09:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	526112	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.63	136	1929692	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1115386	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.42	188	1870144	20.00	ng/ul	-0.02
75) Chrysene-d12	22.81	240	2055412	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1688129	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	90630	7.80	ng/uL	0.00
5) Phenol-d5	7.79	99	720384	18.85	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.95	67	482441	18.84	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	807276	20.36	ng/ul	-0.02
13) 4-Methylphenol-d8	9.45	113	610515	19.30	ng/ul	0.00
19) Nitrobenzene-d5	9.87	128	419730	21.04	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.64	143	463020	21.57	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	11.24	165	670252	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.74	131	804954	21.97	ng/ul	-0.02
43) Dimethylphthalate-d6	14.96	166	1676667	22.61	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	1996105	22.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	341352	20.04	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1412145	23.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	372999	18.78	ng/ul	-0.02
70) Anthracene-d10	18.42	188	1870144	22.36	ng/ul	-0.11
76) Pyrene-d10	20.87	212	2013672	22.30	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.70	264	1612638	20.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.67	88	77540	6.74	ng/uL#	71
4) Benzaldehyde	7.72	77	519006	21.09	ng/ul	92
6) Phenol	7.83	94	732236	19.34	ng/ul#	78
8) Bis(2-Chloroethyl)ether	8.04	93	601971	19.27	ng/ul	91
10) 2-Chlorophenol	8.22	128	759516	20.13	ng/ul	92
11) 2-Methylphenol	9.16	108	594203	19.51	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.24	45	1013149	18.43	ng/ul#	87
14) Acetophenone	9.53	105	891499	19.26	ng/ul#	70
15) N-Nitroso-di-n-propylamine	9.55	70	508235	18.56	ng/ul#	57
16) 4-Methylphenol	9.51	108	616893	18.77	ng/ul	98
17) Hexachloroethane	9.83	117	363015	19.86	ng/ul	88
20) Nitrobenzene	9.93	77	729563	19.47	ng/ul#	81
21) Isophorone	10.49	82	1402391	19.40	ng/ul	95
23) 2-Nitrophenol	10.68	139	476349	21.28	ng/ul	94
24) 2,4-Dimethylphenol	10.76	107	738817	20.14	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.99	93	694673	19.93	ng/ul#	93
27) 2,4-Dichlorophenol	11.26	162	678603	22.27	ng/ul	95
28) Naphthalene	11.66	128	1952005	21.24	ng/ul	99
30) 4-Chloroaniline	11.78	127	770273	22.18	ng/ul	96
31) Hexachlorobutadiene	12.01	225	468689	22.51	ng/ul	97
32) Caprolactam	12.55	113	146282	13.21	ng/ul	95
33) 4-Chloro-3-methylphenol	12.95	107	623800	20.54	ng/ul	94
34) 2-Methylnaphthalene	13.34	142	1390197	21.93	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	774795	22.62 ng/ul#	97
37) Hexachlorocyclopentadiene	13.72	237	412916	19.11 ng/ul	99
38) 2,4,6-Trichlorophenol	13.95	196	477009	22.93 ng/ul	98
39) 2,4,5-Trichlorophenol	14.03	196	489345	22.15 ng/ul	98
40) 1,1'-Biphenyl	14.38	154	1673863	22.38 ng/ul#	95
41) 2-Chloronaphthalene	14.42	162	1346346	22.59 ng/ul	97
42) 2-Nitroaniline	14.61	65	463718	20.26 ng/ul#	76
44) Dimethylphthalate	15.01	163	1734347	23.39 ng/ul#	96
45) 2,6-Dinitrotoluene	15.11	165	403718	21.55 ng/ul	89
47) Acenaphthylene	15.28	152	1933948	22.80 ng/ul	99
48) 3-Nitroaniline	14.61	138	534385	21.80 ng/ul#	36
49) Acenaphthene	15.65	153	1312661	22.54 ng/ul	92
50) 2,4-Dinitrophenol	15.67	184	240337	17.99 ng/ul#	89
52) 4-Nitrophenol	15.80	109	278158	20.08 ng/ul#	78
53) Dibenzofuran	16.00	168	1936037	23.33 ng/ul	98
54) 2,4-Dinitrotoluene	15.94	165	593546	22.71 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	16.25	232	446131	23.10 ng/ul#	84
56) Diethylphthalate	16.42	149	1778678	23.11 ng/ul	97
58) Fluorene	16.67	166	1535641	22.75 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	817254	22.53 ng/ul	96
60) 4-Nitroaniline	16.67	138	395937	20.46 ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.75	198	405518	20.45 ng/ul#	86
64) N-Nitrosodiphenylamine	16.86	169	1277520	21.17 ng/ul	94
65) 4-Bromophenyl-phenylether	17.57	248	499149	20.84 ng/ul	91
66) Hexachlorobenzene	17.75	284	531841	22.15 ng/ul#	83
67) Atrazine	17.86	200	525412	22.86 ng/ul#	89
68) Pentachlorophenol	18.07	266	325637	19.15 ng/ul	98
69) Phenanthrene	18.48	178	2123628	22.81 ng/ul	99
71) Anthracene	18.56	178	2113142	22.22 ng/ul	99
72) Carbazole	18.83	167	1774969	22.36 ng/ul#	97
73) Di-n-butylphthalate	19.42	149	2893511	22.30 ng/ul	98
74) Fluoranthene	20.52	202	2182389	23.02 ng/ul#	96
77) Pyrene	20.91	202	2410648	22.44 ng/ul#	90
78) Butylbenzylphthalate	21.81	149	1315910	18.91 ng/ul#	72
79) 3,3'-Dichlorobenzidine	22.70	252	773048	21.28 ng/ul#	96
80) Benzo(a)anthracene	22.77	228	2302703	22.00 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.70	149	1961474	21.19 ng/ul#	85
82) Chrysene	22.85	228	2197320	22.40 ng/ul	99
84) Di-n-octyl phthalate	22.70	149	1961474	22.32 ng/ul#	71
85) Benzo(b)fluoranthene	25.01	252	1997246	17.92 ng/ul	99
86) Benzo(k)fluoranthene	25.01	252	1997246	23.11 ng/ul	99
88) Benzo(a)pyrene	25.76	252	1948448	20.77 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.24	276	1640742	20.01 ng/ul#	93
90) Dibenzo(a,h)anthracene	29.26	278	1356834	19.95 ng/ul#	94
91) Benzo(g,h,i)perylene	30.24	276	1291669	19.97 ng/ul#	94

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

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