Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101116\
Data File : BB058602.D
Acq On : 11 Oct 2016 9:31
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD02082

Quant Time: Oct 11 14:03:45 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 11:35:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	667785	20.00	ng/ul	0.00
18) Naphthalene-d8	11.62	136	2436887	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1469182	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.53	188	2148730	20.00	ng/ul	0.11
75) Chrysene-d12	22.81	240	2398747	20.00	ng/ul	0.02
83) Perylene-d12	25.91	264	1920242	20.00	ng/ul	0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	119961	8.14	ng/uL	-0.02
5) Phenol-d5	7.81	99	957814	19.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.95	67	657655	20.24	ng/ul	0.00
9) 2-Chlorophenol-d4	8.20	132	1010941	20.09	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	784021	19.52	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	515300	20.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	565698	20.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	785990	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1011274	21.86	ng/ul	0.02
43) Dimethylphthalate-d6	14.97	166	2034392	20.83	ng/ul	0.02
46) Acenaphthylene-d8	15.26	160	2326806	20.20	ng/ul	0.02
51) 4-Nitrophenol-d4	15.80	143	430672	19.20	ng/ul	0.04
57) Fluorene-d10	16.61	176	1599273	19.98	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	16.74	200	444122	19.47	ng/ul	0.02
70) Anthracene-d10	18.53	188	2148730	22.36	ng/ul	0.02
76) Pyrene-d10	20.88	212	2260501	21.45	ng/ul	0.04
87) Benzo(a)pyrene-d12	25.70	264	1724457	19.67	ng/ul	0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	116374	7.96	ng/uL#	83
4) Benzaldehyde	7.73	77	697379	22.32	ng/ul	96
6) Phenol	7.83	94	948291	19.73	ng/ul#	68
8) Bis(2-Chloroethyl)ether	8.04	93	784514	19.78	ng/ul#	83
10) 2-Chlorophenol	8.21	128	955715	19.95	ng/ul	96
11) 2-Methylphenol	9.16	108	754456	19.52	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.25	45	1448043	20.76	ng/ul#	87
14) Acetophenone	9.54	105	1154740	19.65	ng/ul#	81
15) N-Nitroso-di-n-propylamine	9.56	70	683895	19.67	ng/ul#	61
16) 4-Methylphenol	9.52	108	791310	18.96	ng/ul	98
17) Hexachloroethane	9.83	117	455564	19.64	ng/ul#	69
20) Nitrobenzene	9.93	77	960134	20.29	ng/ul#	96
21) Isophorone	10.51	82	1864080	20.42	ng/ul	95
23) 2-Nitrophenol	10.70	139	598766	21.18	ng/ul	90
24) 2,4-Dimethylphenol	10.78	107	945235	20.40	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.01	93	918695	20.88	ng/ul#	93
27) 2,4-Dichlorophenol	11.28	162	796360	20.70	ng/ul#	95
28) Naphthalene	11.68	128	2422817	20.88	ng/ul	99
30) 4-Chloroaniline	11.78	127	967511	22.06	ng/ul	97
31) Hexachlorobutadiene	12.03	225	546080	20.77	ng/ul	97
32) Caprolactam	12.57	113	188150	13.45	ng/ul	95
33) 4-Chloro-3-methylphenol	12.97	107	797975	20.80	ng/ul	91
34) 2-Methylnaphthalene	13.34	142	1655902	20.68	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.74	216	942164	20.88 ng/ul	96
37) Hexachlorocyclopentadiene	13.74	237	517182	18.17 ng/ul	99
38) 2,4,6-Trichlorophenol	13.97	196	560339	20.45 ng/ul	99
39) 2,4,5-Trichlorophenol	14.05	196	574257	19.74 ng/ul	98
40) 1,1'-Biphenyl	14.38	154	2001102	20.31 ng/ul	97
41) 2-Chloronaphthalene	14.41	162	1518525	19.35 ng/ul	95
42) 2-Nitroaniline	14.61	65	597345	19.81 ng/ul#	85
44) Dimethylphthalate	15.01	163	1924302	19.70 ng/ul#	96
45) 2,6-Dinitrotoluene	15.13	165	492195	19.94 ng/ul	95
47) Acenaphthylene	15.30	152	2406268	21.53 ng/ul	99
48) 3-Nitroaniline	14.61	138	612418	18.96 ng/ul#	44
49) Acenaphthene	15.65	153	1492573	19.46 ng/ul	93
50) 2,4-Dinitrophenol	15.69	184	289676	16.47 ng/ul	89
52) 4-Nitrophenol	15.80	109	334759	18.35 ng/ul#	85
53) Dibenzofuran	15.99	168	2172395	19.87 ng/ul#	87
54) 2,4-Dinitrotoluene	15.95	165	702776	20.41 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	16.24	232	519489	20.42 ng/ul#	89
56) Diethylphthalate	16.44	149	2216254	21.86 ng/ul	99
58) Fluorene	16.67	166	1747324	19.65 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.67	204	932120	19.50 ng/ul	90
60) 4-Nitroaniline	16.69	138	502440	19.71 ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	16.76	198	432347	18.98 ng/ul#	78
64) N-Nitrosodiphenylamine	16.88	169	1626761	23.46 ng/ul	93
65) 4-Bromophenyl-phenylether	17.59	248	590055	21.45 ng/ul	93
66) Hexachlorobenzene	17.75	284	581762	21.09 ng/ul#	88
67) Atrazine	17.86	200	525781	19.91 ng/ul	91
68) Pentachlorophenol	18.09	266	379025	19.40 ng/ul	98
69) Phenanthrene	18.57	178	2549891	23.83 ng/ul	98
71) Anthracene	18.57	178	2549889	23.34 ng/ul	97
72) Carbazole	18.84	167	2289067	25.09 ng/ul#	97
73) Di-n-butylphthalate	19.42	149	3412684	22.89 ng/ul#	96
74) Fluoranthene	20.54	202	2747204	25.22 ng/ul	100
77) Pyrene	20.90	202	2582532	20.60 ng/ul#	93
78) Butylbenzylphthalate	21.81	149	1882409	23.17 ng/ul#	93
79) 3,3'-Dichlorobenzidine	22.69	252	924398	21.81 ng/ul#	96
80) Benzo(a)anthracene	22.79	228	2665130	21.82 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.69	149	2423273	22.43 ng/ul	96
82) Chrysene	22.85	228	2377225	20.76 ng/ul	99
84) Di-n-octyl phthalate	22.69	149	2423273	24.24 ng/ul#	44
85) Benzo(b)fluoranthene	25.02	252	2049926	16.17 ng/ul	97
86) Benzo(k)fluoranthene	25.02	252	2049926	20.85 ng/ul#	98
88) Benzo(a)pyrene	25.77	252	2153468	20.18 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.26	276	1857317	19.92 ng/ul#	88
90) Dibenzo(a,h)anthracene	29.30	278	1573950	20.35 ng/ul#	93
91) Benzo(g,h,i)perylene	30.28	276	1479286	20.10 ng/ul#	90

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

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