Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\Data\BB101816\
Data File : BB058635.D
Acq On : 18 Oct 2016 10:43
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_B
ClientSampleId : SSTD02088

Quant Time: Oct 19 11:59:41 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	500648	20.00	ng/ul	0.06
18) Naphthalene-d8	11.66	136	1864362	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.61	164	1080925	20.00	ng/ul	0.04
61) Phenanthrene-d10	18.54	188	1646847	20.00	ng/ul	0.11
75) Chrysene-d12	22.81	240	1878364	20.00	ng/ul	0.00
83) Perylene-d12	25.89	264	1384240	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.67	96	83178	7.52	ng/uL	0.04
5) Phenol-d5	7.85	99	692912	19.05	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.98	67	510534	20.95	ng/ul	0.04
9) 2-Chlorophenol-d4	8.22	132	756708	20.06	ng/ul	0.04
13) 4-Methylphenol-d8	9.49	113	584727	19.42	ng/ul	0.04
19) Nitrobenzene-d5	9.93	128	391994	20.34	ng/ul	0.06
22) 2-Nitrophenol-d4	10.70	143	428340	20.65	ng/ul	0.06
26) 2,4-Dichlorophenol-d3	11.28	165	611855	20.81	ng/ul	0.04
29) 4-Chloroaniline-d4	11.78	131	762022	21.53	ng/ul	0.04
43) Dimethylphthalate-d6	14.97	166	1517846	21.12	ng/ul	0.02
46) Acenaphthylene-d8	15.28	160	1787652	21.09	ng/ul	0.02
51) 4-Nitrophenol-d4	15.80	143	288623	17.49	ng/ul	0.02
57) Fluorene-d10	16.67	176	40869	0.69	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.75	200	340474	19.47	ng/ul	0.02
70) Anthracene-d10	18.54	188	1646847	22.36	ng/ul	0.00
76) Pyrene-d10	20.87	212	1739691	21.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.68	264	1265175	20.02	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.73	88	81182	7.41	ng/uL#	75
4) Benzaldehyde	7.77	77	512656	21.89	ng/ul	96
6) Phenol	7.87	94	690303	19.16	ng/ul#	70
8) Bis(2-Chloroethyl)ether	8.08	93	603099	20.28	ng/ul#	83
10) 2-Chlorophenol	8.25	128	705175	19.64	ng/ul	98
11) 2-Methylphenol	9.20	108	547946	18.91	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	9.29	45	1116397	21.34	ng/ul#	88
14) Acetophenone	9.58	105	846917	19.22	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.58	70	480083	18.42	ng/ul#	56
16) 4-Methylphenol	9.54	108	579661	18.53	ng/ul	98
17) Hexachloroethane	9.87	117	355265	20.43	ng/ul#	72
20) Nitrobenzene	9.97	77	743715	20.54	ng/ul#	91
21) Isophorone	10.53	82	1326508	19.00	ng/ul	96
23) 2-Nitrophenol	10.72	139	435880	20.15	ng/ul	95
24) 2,4-Dimethylphenol	10.80	107	711406	20.07	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.03	93	682872	20.28	ng/ul#	93
27) 2,4-Dichlorophenol	11.30	162	603557	20.50	ng/ul	97
28) Naphthalene	11.72	128	1825221	20.56	ng/ul	100
30) 4-Chloroaniline	11.82	127	716676	21.36	ng/ul	97
31) Hexachlorobutadiene	12.05	225	418958	20.83	ng/ul	98
32) Caprolactam	12.59	113	151874	14.19	ng/ul	89
33) 4-Chloro-3-methylphenol	12.99	107	595448	20.29	ng/ul	86
34) 2-Methylnaphthalene	13.36	142	1257292	20.53	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.76	216	721383	21.73 ng/ul	96
37) Hexachlorocyclopentadiene	13.76	237	388921	18.57 ng/ul	98
38) 2,4,6-Trichlorophenol	13.99	196	432328	21.44 ng/ul	98
39) 2,4,5-Trichlorophenol	14.07	196	435024	20.32 ng/ul	97
40) 1,1'-Biphenyl	14.40	154	1554524	21.45 ng/ul#	97
41) 2-Chloronaphthalene	14.43	162	1214126	21.02 ng/ul	99
42) 2-Nitroaniline	14.63	65	465609	20.99 ng/ul#	89
44) Dimethylphthalate	15.03	163	1550276	21.57 ng/ul#	96
45) 2,6-Dinitrotoluene	15.13	165	354800	19.54 ng/ul#	76
47) Acenaphthylene	15.30	152	1782609	21.68 ng/ul	100
48) 3-Nitroaniline	14.63	138	466582	19.64 ng/ul#	40
49) Acenaphthene	15.67	153	1185017	21.00 ng/ul	92
50) 2,4-Dinitrophenol	15.69	184	214247	16.55 ng/ul#	69
52) 4-Nitrophenol	15.80	109	244790	18.24 ng/ul#	85
53) Dibenzofuran	16.01	168	1756798	21.84 ng/ul	96
54) 2,4-Dinitrotoluene	15.96	165	537929	21.24 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	16.24	232	383702	20.50 ng/ul#	67
56) Diethylphthalate	16.44	149	1684096	22.58 ng/ul	98
58) Fluorene	16.69	166	1384646	21.16 ng/ul	92
59) 4-Chlorophenyl-phenylether	16.67	204	747097	21.25 ng/ul	96
60) 4-Nitroaniline	16.69	138	340353	18.15 ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.76	198	349862	20.04 ng/ul#	82
64) N-Nitrosodiphenylamine	16.88	169	1148487	21.61 ng/ul	94
65) 4-Bromophenyl-phenylether	17.59	248	460202	21.82 ng/ul	97
66) Hexachlorobenzene	17.75	284	442871	20.95 ng/ul#	77
67) Atrazine	17.86	200	399042	19.72 ng/ul	91
68) Pentachlorophenol	18.09	266	279351	18.66 ng/ul	99
69) Phenanthrene	18.57	178	1978785	24.13 ng/ul	99
71) Anthracene	18.57	178	1978785	23.63 ng/ul	99
72) Carbazole	18.84	167	1685326	24.11 ng/ul	97
73) Di-n-butylphthalate	19.42	149	2821205	24.69 ng/ul	99
74) Fluoranthene	20.54	202	2172056	26.01 ng/ul#	93
77) Pyrene	20.90	202	2199036	22.40 ng/ul	97
78) Butylbenzylphthalate	21.81	149	1270415	19.97 ng/ul#	81
79) 3,3'-Dichlorobenzidine	22.69	252	661868	19.94 ng/ul	96
80) Benzo(a)anthracene	22.77	228	1998384	20.89 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.69	149	1782490	21.07 ng/ul#	89
82) Chrysene	22.85	228	1939326	21.63 ng/ul	99
84) Di-n-octyl phthalate	22.69	149	1782490	24.74 ng/ul#	72
85) Benzo(b)fluoranthene	24.93	252	1972422	21.58 ng/ul#	98
86) Benzo(k)fluoranthene	24.99	252	1440757	20.33 ng/ul#	97
88) Benzo(a)pyrene	25.74	252	1594955	20.73 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.18	276	1264359	18.81 ng/ul#	91
90) Dibenzo(a,h)anthracene	29.22	278	1015662	18.22 ng/ul#	94
91) Benzo(g,h,i)perylene	30.18	276	987551	18.62 ng/ul#	92

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

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