Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014164.D
Acq On : 07 Feb 2018 16:37
Operator : SJ/JU
Sample : SSTICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTICCC040EC

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:24 PM

Quant Time: Feb 07 17:58:18 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	72260	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	360409	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	265162	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	707025	20.00	ng		0.00
75) Chrysene-d12	21.17	240	804681	20.00	ng		0.00
86) Perylene-d12	23.34	264	678065	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	324007	78.15	ng		0.00
7) Phenol-d6	6.74	99	467623	79.64	ng		0.00
23) Nitrobenzene-d5	8.70	82	647412	80.24	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	331694	88.16	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1690955	79.61	ng		0.00
78) Terphenyl-d14	19.60	244	3260322	79.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	64549	37.89	ng	#	100
3) Pyridine	3.53	79	190897	40.47	ng	#	90
4) n-Nitrosodimethylamine	3.45	42	127503	42.43	ng	#	44
6) Aniline	6.89	93	295832	39.52	ng		91
8) 2-Chlorophenol	7.12	128	183416	38.93	ng		92
9) Benzaldehyde	6.70	77	173392	41.03	ng		86
10) Phenol	6.76	94	233972	40.36	ng		99
11) bis(2-Chloroethyl)ether	6.99	93	180499	39.39	ng		90
12) 1,3-Dichlorobenzene	7.43	146	228898	38.86	ng	#	85
13) 1,4-Dichlorobenzene	7.58	146	238237	40.26	ng	#	94
14) 1,2-Dichlorobenzene	7.89	146	238323	40.02	ng	#	94
15) Benzyl Alcohol	7.80	79	225291	41.41	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	8.07	45	179717	38.56	ng		84
17) 2-Methylphenol	8.00	107	177540	40.02	ng	#	80
18) Hexachloroethane	8.60	117	104403	40.82	ng		90
19) n-Nitroso-di-n-propylamine	8.36	70	211505	41.81	ng	#	88
20) 3+4-Methylphenols	8.33	107	261722	40.74	ng		86
22) Acetophenone	8.37	105	396229	38.23	ng	#	87
24) Nitrobenzene	8.75	77	317220	38.18	ng		95
25) Isophorone	9.27	82	516190	38.62	ng	#	91
26) 2-Nitrophenol	9.45	139	117789	37.59	ng	#	44
27) 2,4-Dimethylphenol	9.52	122	187526	39.26	ng	#	73
28) bis(2-Chloroethoxy)methane	9.75	93	271561	39.61	ng		98
29) 2,4-Dichlorophenol	9.98	162	225715	42.29	ng		97
30) 1,2,4-Trichlorobenzene	10.18	180	276938	39.36	ng		97
31) Naphthalene	10.37	128	788558	39.96	ng		98
32) Benzoic acid	9.71	122	150420	38.06	ng	#	76
33) 4-Chloroaniline	10.50	127	331992	40.47	ng	#	86
34) Hexachlorobutadiene	10.64	225	188599	39.08	ng		97
35) Caprolactam	11.30	113	77843m	40.78	ng		
36) 4-Chloro-3-methylphenol	11.63	107	282888	42.78	ng		87
37) 2-Methylnaphthalene	11.99	142	617050	41.52	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	365921	39.38	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	182894	37.17	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	219203	40.16	ng		99
43) 2,4,5-Trichlorophenol	12.70	196	251553	41.74	ng	#	82
45) 1,1'-Biphenyl	13.03	154	923025	40.19	ng		98
46) 2-Chloronaphthalene	13.06	162	704351	40.40	ng	#	91
47) 2-Nitroaniline	13.29	65	259213	40.40	ng	#	75
48) Acenaphthylene	13.92	152	1165818	40.78	ng		99
49) Dimethylphthalate	13.67	163	965659	40.68	ng	#	99
50) 2,6-Dinitrotoluene	13.80	165	197656	40.58	ng	#	55
51) Acenaphthene	14.27	154	718157	40.75	ng		99
52) 3-Nitroaniline	14.13	138	207026	41.09	ng	#	63
53) 2,4-Dinitrophenol	14.36	184	95272	38.74	ng		91
54) Dibenzofuran	14.60	168	1142375	41.48	ng	#	89
55) 4-Nitrophenol	14.46	139	149242	40.47	ng	#	84
56) 2,4-Dinitrotoluene	14.60	165	309923	41.23	ng	#	82
57) Fluorene	15.26	166	1015649	41.92	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.84	232	245793	41.40	ng	#	100
59) Diethylphthalate	15.05	149	1120363	42.52	ng		97
60) 4-Chlorophenyl-phenylether	15.26	204	532409	42.28	ng		90
61) 4-Nitroaniline	15.31	138	214013	42.45	ng	#	11
62) Azobenzene	15.55	77	1162396	42.48	ng		82
64) 4,6-Dinitro-2-methylphenol	15.37	198	175383	37.58	ng		91
65) n-Nitrosodiphenylamine	15.48	169	896699	40.17	ng		99
66) 4-Bromophenyl-phenylether	16.16	248	329508	39.76	ng	#	86
67) Hexachlorobenzene	16.26	284	355619	39.09	ng	#	75
68) Atrazine	16.44	200	348764	41.66	ng		97
69) Pentachlorophenol	16.62	266	217992	38.32	ng		98
70) Phenanthrene	17.00	178	1690052	39.63	ng		100
71) Anthracene	17.09	178	1715561	41.28	ng		99
72) Carbazole	17.37	167	1589640	40.69	ng		99
73) Di-n-butylphthalate	17.94	149	2131387	42.63	ng	#	97
74) Fluoranthene	19.03	202	2090219	41.63	ng		100
76) Benzidine	19.23	184	992694	41.42	ng		99
77) Pyrene	19.39	202	2215763	39.64	ng		99
79) Butylbenzylphthalate	20.31	149	1008558	40.06	ng	#	85
80) Benzo(a)anthracene	21.15	228	2130557	40.75	ng		97
81) 3,3'-Dichlorobenzidine	21.09	252	796944	40.78	ng		99
82) Chrysene	21.20	228	2056288	40.54	ng		98
83) Bis(2-ethylhexyl)phthalate	21.09	149	1496753	40.76	ng		97
84) Di-n-octyl phthalate	21.95	149	2162297	42.53	ng		97
85) Indeno(1,2,3-cd)pyrene	25.51	276	1636982	41.05	ng		98
87) Benzo(b)fluoranthene	22.70	252	1975672	41.99	ng	#	94
88) Benzo(k)fluoranthene	22.74	252	1796780	40.17	ng	#	97
89) Benzo(a)pyrene	23.25	252	1698847	40.97	ng		98
90) Dibenzo(a,h)anthracene	25.52	278	1374987	40.58	ng	#	94
91) Benzo(g,h,i)perylene	26.17	276	1283096	40.50	ng	#	88

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

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