Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000738.D
Acq On : 18 Apr 2018 13:22
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
4/19/2018 5:42:56 PM

Quant Time: Apr 18 16:42:31 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 12:16:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	128117	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	521895	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	257405	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	500832	20.00	ng		0.00
75) Chrysene-d12	21.22	240	464909	20.00	ng		0.00
86) Perylene-d12	23.41	264	490463	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1368905	157.77	ng		0.00
7) Phenol-d6	6.82	99	1822098	154.26	ng		0.00
23) Nitrobenzene-d5	8.79	82	1650618	167.37	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	451812	178.53	ng		0.00
44) 2-Fluorobiphenyl	12.89	172	2875545	153.97	ng		0.00
78) Terphenyl-d14	19.66	244	3166695	148.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	303097	76.143	ng		95
3) Pyridine	3.63	79	793275	73.837	ng		97
4) n-Nitrosodimethylamine	3.55	42	231125	79.427	ng	#	83
6) Aniline	6.98	93	1205568	76.460	ng		93
8) 2-Chlorophenol	7.20	128	696208	77.687	ng		90
9) Benzaldehyde	6.79	77	318284	53.123	ng		94
10) Phenol	6.85	94	955507	76.075	ng		87
11) bis(2-Chloroethyl)ether	7.08	93	778706	75.465	ng		84
12) 1,3-Dichlorobenzene	7.53	146	803313	77.341	ng		99
13) 1,4-Dichlorobenzene	7.67	146	821467	78.069	ng		97
14) 1,2-Dichlorobenzene	7.98	146	768406	76.052	ng		95
15) Benzyl Alcohol	7.88	79	659062	81.917	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.17	45	804378	71.856	ng		78
17) 2-Methylphenol	8.08	107	651375	77.781	ng		95
18) Hexachloroethane	8.70	117	313718	80.891	ng	#	81
19) n-Nitroso-di-n-propylamine	8.45	70	557029	75.445	ng	#	82
20) 3+4-Methylphenols	8.41	107	893048	77.695	ng		92
22) Acetophenone	8.45	105	1166043	77.597	ng	#	87
24) Nitrobenzene	8.82	77	869889	81.229	ng	#	95
25) Isophorone	9.35	82	1483266	81.470	ng		98
26) 2-Nitrophenol	9.52	139	370847	87.483	ng		92
27) 2,4-Dimethylphenol	9.59	122	579902	80.308	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	926795	77.372	ng		97
29) 2,4-Dichlorophenol	10.05	162	582700	83.121	ng		96
30) 1,2,4-Trichlorobenzene	10.27	180	680930	80.632	ng		97
31) Naphthalene	10.45	128	2186897	77.550	ng		98
32) Benzoic acid	9.78	122	556108	93.835	ng		92
33) 4-Chloroaniline	10.56	127	910826	79.470	ng		96
34) Hexachlorobutadiene	10.74	225	379659	83.586	ng		97
35) Caprolactam	11.36	113	203889	89.118	ng		97
36) 4-Chloro-3-methylphenol	11.69	107	685492	82.186	ng		99
37) 2-Methylnaphthalene	12.07	142	1419034	76.897	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	655028	82.760	ng	#	97
40) Hexachlorocyclopentadiene	12.43	237	408725	92.597	ng		91

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.69	196	412442	88.129 ng		99
43) 2,4,5-Trichlorophenol	12.76	196	467764	86.000 ng	#	94
45) 1,1'-Biphenyl	13.10	154	1816959	78.627 ng		96
46) 2-Chloronaphthalene	13.13	162	1379603	79.442 ng		96
47) 2-Nitroaniline	13.34	65	429054	87.111 ng		88
48) Acenaphthylene	13.99	152	2205970	80.612 ng		98
49) Dimethylphthalate	13.74	163	1651793	80.613 ng		100
50) 2,6-Dinitrotoluene	13.85	165	361018	85.087 ng		91
51) Acenaphthene	14.33	154	1308664	77.397 ng		99
52) 3-Nitroaniline	14.17	138	411411	84.666 ng	#	94
53) 2,4-Dinitrophenol	14.38	184	183026	96.028 ng		94
54) Dibenzofuran	14.67	168	1892518	77.856 ng		96
55) 4-Nitrophenol	14.49	139	315670	85.350 ng	#	85
56) 2,4-Dinitrotoluene	14.64	165	484450	87.938 ng	#	89
57) Fluorene	15.32	166	1472561	76.704 ng		96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	352137m	83.555 ng		
59) Diethylphthalate	15.12	149	1652644	82.070 ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	687044	76.548 ng		92
61) 4-Nitroaniline	15.35	138	413675	87.342 ng		93
62) Azobenzene	15.62	77	1723457	77.549 ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	269852	90.425 ng		87
65) n-Nitrosodiphenylamine	15.54	169	1316611	78.776 ng		97
66) 4-Bromophenyl-phenylether	16.22	248	416599	83.187 ng	#	90
67) Hexachlorobenzene	16.32	284	477683	82.613 ng		94
68) Atrazine	16.50	200	302490	65.408 ng		96
69) Pentachlorophenol	16.66	266	312952	83.355 ng		98
70) Phenanthrene	17.06	178	2240597	76.971 ng		100
71) Anthracene	17.15	178	2263847	79.736 ng		98
72) Carbazole	17.42	167	2170176	80.678 ng		96
73) Di-n-butylphthalate	18.00	149	2653717	84.843 ng		99
74) Fluoranthene	19.08	202	2404589	82.528 ng		94
77) Pyrene	19.45	202	2495418	75.098 ng		99
79) Butylbenzylphthalate	20.37	149	1190253	88.120 ng		97
80) Benzo(a)anthracene	21.20	228	2312441	79.046 ng		99
81) 3,3'-Dichlorobenzidine	21.15	252	759091	85.157 ng	#	97
82) Chrysene	21.26	228	2203405	77.221 ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	1768083	84.381 ng	#	95
84) Di-n-octyl phthalate	22.04	149	2778237	94.566 ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.27	276	2289917	94.399 ng	#	92
87) Benzo(b)fluoranthene	22.76	252	2391291	80.339 ng	#	96
88) Benzo(k)fluoranthene	22.81	252	2298809	76.842 ng	#	96
89) Benzo(a)pyrene	23.32	252	2271512	83.542 ng	#	95
90) Dibenzo(a,h)anthracene	25.62	278	2297312	85.711 ng	#	92
91) Benzo(g,h,i)perylene	26.27	276	2289917	88.013 ng	#	89

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

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