Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\Data\BN020118\
Data File : BN000008.D
Acq On : 01 Feb 2018 18:44
Operator :
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
2/6/2018 5:13:50 PM

Quant Time: Feb 06 04:47:02 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 17:51:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.487	152	248037	20.00	ng		0.00
21) Naphthalene-d8	11.328	136	1311397	20.00	ng		0.00
38) Acenaphthene-d10	15.098	164	807170	20.00	ng		0.00
63) Phenanthrene-d10	17.816	188	1906607	20.00	ng		0.00
75) Chrysene-d12	21.939	240	2270009	20.00	ng		-0.01
86) Perylene-d12	24.439	264	2541359	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.952	112	2718229	220.12	ng		0.00
7) Phenol-d6	7.605	99	4296774	260.75	ng		0.00
23) Nitrobenzene-d5	9.663	82	3819866	181.94	ng		0.00
41) 2,4,6-Tribromophenol	16.563	330	1423635	92.66	ng		0.00
44) 2-Fluorobiphenyl	13.728	172	9041688	133.14	ng		0.00
78) Terphenyl-d14	20.380	244	11897659	112.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.664	88	493550	118.79	ng		96
3) Pyridine	4.105	79	1830447	163.16	ng		98
4) n-Nitrosodimethylamine	4.011	42	501534	85.88	ng	#	97
6) Aniline	7.787	93	2912450	141.75	ng		91
8) 2-Chlorophenol	8.034	128	1547035	105.98	ng		86
9) Benzaldehyde	7.599	77	792356	93.10	ng		88
10) Phenol	7.634	94	2195161	140.27	ng		86
11) bis(2-Chloroethyl)ether	7.887	93	1656733	138.94	ng	#	83
12) 1,3-Dichlorobenzene	8.369	146	1610318	81.57	ng		99
13) 1,4-Dichlorobenzene	8.522	146	1658700	83.83	ng		97
14) 1,2-Dichlorobenzene	8.846	146	1655989	85.44	ng		97
15) Benzyl Alcohol	8.716	79	1593684	117.35	ng		90
16) 2,2'-oxybis(1-Chloropr...	9.010	45	1766231	156.32	ng		80
17) 2-Methylphenol	8.916	107	1584926	124.70	ng		95
18) Hexachloroethane	9.593	117	584120	87.93	ng	#	83
19) n-Nitroso-di-n-propyla...	9.293	70	1418625	129.84	ng	#	83
20) 3+4-Methylphenols	9.246	107	2257661	126.64	ng		93
22) Acetophenone	9.316	105	3049546	99.20	ng	#	88
24) Nitrobenzene	9.705	77	2019088	99.45	ng	#	93
25) Isophorone	10.228	82	4165453	116.52	ng		97
26) 2-Nitrophenol	10.422	139	689001	56.14	ng		90
27) 2,4-Dimethylphenol	10.463	122	1696607	96.31	ng		94
28) bis(2-Chloroethoxy)met...	10.710	93	2360127	120.39	ng		96
29) 2,4-Dichlorophenol	10.957	162	1571229	67.33	ng		97
30) 1,2,4-Trichlorobenzene	11.181	180	1662814	53.46	ng		97
31) Naphthalene	11.381	128	5709631	89.14	ng		98
32) Benzoic acid	10.593	122	1169869	98.53	ng		88
33) 4-Chloroaniline	11.475	127	2814722	98.53	ng		94
34) Hexachlorobutadiene	11.657	225	836615	34.57	ng		97
35) Caprolactam	12.234	113	731823	109.24	ng		95
36) 4-Chloro-3-methylphenol	12.557	107	2075473	93.77	ng		97
37) 2-Methylnaphthalene	12.957	142	4090436	76.02	ng		96
39) 1,2,4,5-Tetrachloroben...	13.310	216	1847444	48.92	ng	#	96
40) Hexachlorocyclopentadiene	13.287	237	693452	29.39	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.534	196	1204922	58.66	ng		98
43) 2,4,5-Trichlorophenol	13.604	196	1439077	60.10	ng	#	93
45) 1,1'-Biphenyl	13.940	154	5549545	81.38	ng		97
46) 2-Chloronaphthalene	13.987	162	4268563	79.86	ng		97
47) 2-Nitroaniline	14.175	65	1236032	104.57	ng	#	81
48) Acenaphthylene	14.822	152	7240440	89.61	ng		98
49) Dimethylphthalate	14.540	163	5762690	77.43	ng		100
50) 2,6-Dinitrotoluene	14.657	165	1189982	76.18	ng		93
51) Acenaphthene	15.157	154	4574162	81.63	ng		98
52) 3-Nitroaniline	14.987	138	1482019	108.62	ng	#	89
53) 2,4-Dinitrophenol	15.181	184	304235	34.71	ng	#	19
54) Dibenzofuran	15.487	168	6394255	77.09	ng		95
55) 4-Nitrophenol	15.257	139	1132014	110.82	ng	#	87
56) 2,4-Dinitrotoluene	15.434	165	1629392	73.26	ng		92
57) Fluorene	16.128	166	5401528	78.37	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.698	232	1181479m	50.03	ng		
59) Diethylphthalate	15.887	149	6061095	83.62	ng		98
60) 4-Chlorophenyl-phenyle...	16.116	204	2403370	55.30	ng		93
61) 4-Nitroaniline	16.134	138	1578901	107.97	ng		93
62) Azobenzene	16.410	77	5989566	138.27	ng		91
64) 4,6-Dinitro-2-methylph...	16.187	198	604141	42.41	ng		89
65) n-Nitrosodiphenylamine	16.328	169	4886958	85.89	ng		97
66) 4-Bromophenyl-phenylether	17.004	248	1410363	49.93	ng	#	87
67) Hexachlorobenzene	17.122	284	1606488	51.39	ng	#	89
68) Atrazine	17.257	200	1460598	59.80	ng		95
69) Pentachlorophenol	17.457	266	1085096	55.41	ng		98
70) Phenanthrene	17.857	178	8688603	81.72	ng		98
71) Anthracene	17.951	178	8798316	83.11	ng		99
72) Carbazole	18.204	167	9126051	97.56	ng	#	97
73) Di-n-butylphthalate	18.751	149	10400679	100.43	ng	#	97
74) Fluoranthene	19.833	202	9964938	71.46	ng		89
76) Benzidine	19.998	184	4221873	94.72	ng		96
77) Pyrene	20.192	202	10564827	75.88	ng		94
79) Butylbenzylphthalate	21.057	149	5138509	117.01	ng		97
80) Benzo(a)anthracene	21.922	228	10563476	75.06	ng		96
81) 3,3'-Dichlorobenzidine	21.845	252	3905309	71.63	ng	#	96
82) Chrysene	21.980	228	10358270	76.22	ng		93
83) Bis(2-ethylhexyl)phtha...	21.833	149	7730822	124.15	ng	#	99
84) Di-n-octyl phthalate	22.804	149	12876176	130.37	ng	#	94
85) Indeno(1,2,3-cd)pyrene	27.039	276	14997115	87.23	ng	#	85
87) Benzo(b)fluoranthene	23.680	252	11896718	77.48	ng	#	94
88) Benzo(k)fluoranthene	23.739	252	11406495	74.99	ng	#	92
89) Benzo(a)pyrene	24.333	252	11660385	79.65	ng	#	95
90) Dibenzo(a,h)anthracene	27.057	278	12448862	83.13	ng	#	89
91) Benzo(g,h,i)perylene	27.833	276	12865667	86.55	ng	#	86

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

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