Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\Data\BN021218\
Data File : BN000064.D
Acq On : 12 Feb 2018 14:34
Operator : JU/SJ
Sample : SSTDCCC040EC
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
2/13/2018 11:32:26 AM

Quant Time: Feb 12 15:37:43 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.458	152	363207	20.00	ng		-0.01
21) Naphthalene-d8	11.305	136	1873837	20.00	ng		0.00
38) Acenaphthene-d10	15.075	164	1132450	20.00	ng		0.00
63) Phenanthrene-d10	17.792	188	2497267	20.00	ng		0.00
75) Chrysene-d12	21.916	240	2714652	20.00	ng		0.00
86) Perylene-d12	24.398	264	2953219	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.928	112	1730707	77.66	ng		-0.02
7) Phenol-d6	7.581	99	2705278	80.14	ng		-0.01
23) Nitrobenzene-d5	9.640	82	2490518	79.02	ng		-0.01
41) 2,4,6-Tribromophenol	16.545	330	875472	78.10	ng		0.00
44) 2-Fluorobiphenyl	13.704	172	6162483	76.70	ng		-0.01
78) Terphenyl-d14	20.357	244	7913460	78.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.652	88	338567	37.75	ng		95
3) Pyridine	4.093	79	1115989	39.98	ng		97
4) n-Nitrosodimethylamine	3.999	42	303657	38.47	ng	#	93
6) Aniline	7.763	93	1849852	39.78	ng		89
8) 2-Chlorophenol	8.011	128	1022979	39.25	ng		86
9) Benzaldehyde	7.575	77	758725	36.13	ng		88
10) Phenol	7.605	94	1411447	39.61	ng		86
11) bis(2-Chloroethyl)ether	7.858	93	1134334	38.70	ng	#	82
12) 1,3-Dichlorobenzene	8.346	146	1137823	38.42	ng		99
13) 1,4-Dichlorobenzene	8.499	146	1154879	38.19	ng		98
14) 1,2-Dichlorobenzene	8.822	146	1151014	38.67	ng		97
15) Benzyl Alcohol	8.693	79	963078	39.69	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.993	45	1189870	38.36	ng		78
17) 2-Methylphenol	8.887	107	1020083	40.28	ng		95
18) Hexachloroethane	9.569	117	407156	38.68	ng	#	83
19) n-Nitroso-di-n-propyla...	9.269	70	900188	39.80	ng	#	81
20) 3+4-Methylphenols	9.216	107	1429712	40.37	ng		94
22) Acetophenone	9.293	105	2021799	38.50	ng	#	86
24) Nitrobenzene	9.681	77	1345366	39.05	ng	#	92
25) Isophorone	10.205	82	2525736	38.77	ng		96
26) 2-Nitrophenol	10.399	139	466720	35.29	ng		91
27) 2,4-Dimethylphenol	10.440	122	1078871	38.20	ng		93
28) bis(2-Chloroethoxy)met...	10.687	93	1584609	37.92	ng		97
29) 2,4-Dichlorophenol	10.934	162	993518	38.01	ng		98
30) 1,2,4-Trichlorobenzene	11.157	180	1130381	37.55	ng		98
31) Naphthalene	11.352	128	3905651	38.02	ng		98
32) Benzoic acid	10.546	122	629507	33.97	ng		88
33) 4-Chloroaniline	11.446	127	1772835	39.28	ng		94
34) Hexachlorobutadiene	11.628	225	586690	37.59	ng		98
35) Caprolactam	12.199	113	417356	37.49	ng		92
36) 4-Chloro-3-methylphenol	12.534	107	1274953	38.42	ng		97
37) 2-Methylnaphthalene	12.928	142	2756821	38.57	ng		96
39) 1,2,4,5-Tetrachloroben...	13.287	216	1260021	37.70	ng	#	96
40) Hexachlorocyclopentadiene	13.263	237	517030	37.11	ng		91

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42) 2,4,6-Trichlorophenol	13.516	196	764911	38.18	ng		98
43) 2,4,5-Trichlorophenol	13.581	196	914253	37.96	ng	#	93
45) 1,1'-Biphenyl	13.916	154	3771916	37.82	ng		98
46) 2-Chloronaphthalene	13.963	162	2833855	37.87	ng		97
47) 2-Nitroaniline	14.151	65	781967	36.88	ng	#	83
48) Acenaphthylene	14.804	152	4737079	39.29	ng		97
49) Dimethylphthalate	14.516	163	3666820	38.73	ng		99
50) 2,6-Dinitrotoluene	14.634	165	748602	38.31	ng		92
51) Acenaphthene	15.140	154	3004989	38.29	ng		99
52) 3-Nitroaniline	14.963	138	924527	38.92	ng	#	89
53) 2,4-Dinitrophenol	15.163	184	211886	36.27	ng	#	1
54) Dibenzofuran	15.469	168	4250478	38.24	ng		97
55) 4-Nitrophenol	15.240	139	670867	37.29	ng	#	84
56) 2,4-Dinitrotoluene	15.410	165	1025011	37.63	ng		94
57) Fluorene	16.110	166	3528419	38.88	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.681	232	732401m	38.53	ng		
59) Diethylphthalate	15.857	149	3808156	39.59	ng		97
60) 4-Chlorophenyl-phenyle...	16.092	204	1583905	38.30	ng		91
61) 4-Nitroaniline	16.116	138	985871	40.39	ng		90
62) Azobenzene	16.387	77	3780952	39.48	ng		91
64) 4,6-Dinitro-2-methylph...	16.169	198	397065	36.20	ng		86
65) n-Nitrosodiphenylamine	16.304	169	3112933	38.31	ng		96
66) 4-Bromophenyl-phenylether	16.981	248	896279	37.74	ng	#	86
67) Hexachlorobenzene	17.098	284	1044130	37.65	ng	#	88
68) Atrazine	17.228	200	984399	37.22	ng		94
69) Pentachlorophenol	17.434	266	621003	35.98	ng		99
70) Phenanthrene	17.839	178	5626636	38.14	ng		100
71) Anthracene	17.928	178	5599200	39.20	ng		99
72) Carbazole	18.186	167	5691180	39.55	ng		97
73) Di-n-butylphthalate	18.722	149	6365634	40.07	ng		99
74) Fluoranthene	19.816	202	6193418	40.02	ng		95
76) Benzidine	19.980	184	3037108	35.10	ng		95
77) Pyrene	20.175	202	6694780	38.80	ng		98
79) Butylbenzylphthalate	21.028	149	2849685	36.29	ng	#	94
80) Benzo(a)anthracene	21.898	228	6527435	39.12	ng		99
81) 3,3'-Dichlorobenzidine	21.816	252	2352186	38.38	ng	#	97
82) Chrysene	21.957	228	6360290	38.25	ng		98
83) Bis(2-ethylhexyl)phtha...	21.798	149	4507523	37.77	ng	#	95
84) Di-n-octyl phthalate	22.757	149	7098299	36.12	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.968	276	8308369	40.68	ng	#	86
87) Benzo(b)fluoranthene	23.645	252	6697966	38.75	ng	#	96
88) Benzo(k)fluoranthene	23.698	252	6884047	39.54	ng	#	95
89) Benzo(a)pyrene	24.292	252	6563633	39.59	ng	#	94
90) Dibenzo(a,h)anthracene	26.986	278	6967369	40.19	ng	#	91
91) Benzo(g,h,i)perylene	27.762	276	6926613	39.51	ng	#	88

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

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