Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000757.D
Acq On : 19 Apr 2018 01:25
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
4/19/2018 5:43:05 PM

Quant Time: Apr 19 05:40:53 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 16:58:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	165261	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	727527	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	384801	20.00	ng		0.00
63) Phenanthrene-d10	17.01	188	770505	20.00	ng		0.00
75) Chrysene-d12	21.22	240	591582	20.00	ng		0.00
86) Perylene-d12	23.40	264	530534	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	903566	81.22	ng		0.00
7) Phenol-d6	6.82	99	1252090	82.59	ng		0.00
23) Nitrobenzene-d5	8.78	82	1157854	82.97	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	346109	89.35	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	2226566	79.88	ng		0.00
78) Terphenyl-d14	19.66	244	2363689	86.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	195809	38.373	ng		94
3) Pyridine	3.63	79	562208	41.827	ng		97
4) n-Nitrosodimethylamine	3.55	42	152549	41.270	ng	#	83
6) Aniline	6.97	93	829980	41.266	ng		93
8) 2-Chlorophenol	7.20	128	471285	40.961	ng		92
9) Benzaldehyde	6.79	77	290857	41.482	ng		91
10) Phenol	6.84	94	658511	41.208	ng		86
11) bis(2-Chloroethyl)ether	7.07	93	534435	40.879	ng		85
12) 1,3-Dichlorobenzene	7.52	146	542810	40.620	ng		100
13) 1,4-Dichlorobenzene	7.66	146	550122	40.548	ng		97
14) 1,2-Dichlorobenzene	7.98	146	525951	40.613	ng		95
15) Benzyl Alcohol	7.87	79	454708	43.608	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.16	45	560312	40.354	ng		79
17) 2-Methylphenol	8.07	107	452188	42.093	ng		95
18) Hexachloroethane	8.70	117	206382	41.280	ng	#	84
19) n-Nitroso-di-n-propylamine	8.44	70	404467	42.887	ng	#	82
20) 3+4-Methylphenols	8.40	107	630663	42.717	ng		94
22) Acetophenone	8.45	105	842886	40.432	ng	#	87
24) Nitrobenzene	8.82	77	611449	40.860	ng	#	96
25) Isophorone	9.34	82	1074199	42.480	ng		98
26) 2-Nitrophenol	9.52	139	255548	41.683	ng		94
27) 2,4-Dimethylphenol	9.59	122	416579	41.623	ng		96
28) bis(2-Chloroethoxy)methane	9.83	93	670733	40.685	ng		98
29) 2,4-Dichlorophenol	10.05	162	414398	42.047	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	481365	40.522	ng		97
31) Naphthalene	10.45	128	1564487	39.998	ng		98
32) Benzoic acid	9.75	122	364386	39.811	ng		93
33) 4-Chloroaniline	10.56	127	665814	41.688	ng		97
34) Hexachlorobutadiene	10.74	225	266877	41.365	ng		98
35) Caprolactam	11.35	113	151008	44.287	ng		94
36) 4-Chloro-3-methylphenol	11.69	107	504040	43.315	ng		98
37) 2-Methylnaphthalene	12.06	142	1050076	40.982	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	483338	40.503	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	293178	41.894	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	311311	43.010	ng		100
43) 2,4,5-Trichlorophenol	12.75	196	359847	43.044	ng	#	94
45) 1,1'-Biphenyl	13.09	154	1380744	40.088	ng		96
46) 2-Chloronaphthalene	13.13	162	1039581	40.255	ng		96
47) 2-Nitroaniline	13.33	65	319836	42.691	ng		89
48) Acenaphthylene	13.98	152	1697967	41.476	ng		98
49) Dimethylphthalate	13.73	163	1288577	41.904	ng		99
50) 2,6-Dinitrotoluene	13.85	165	277669	42.631	ng		91
51) Acenaphthene	14.33	154	1003391	40.210	ng		99
52) 3-Nitroaniline	14.17	138	310277	41.855	ng	#	96
53) 2,4-Dinitrophenol	14.37	184	132055	41.912	ng		94
54) Dibenzofuran	14.66	168	1463930	40.303	ng		96
55) 4-Nitrophenol	14.48	139	234219	42.549	ng	#	84
56) 2,4-Dinitrotoluene	14.63	165	367092	43.048	ng	#	90
57) Fluorene	15.32	166	1162282	40.474	ng		96
58) 2,3,4,6-Tetrachlorophenol	14.89	232	277803m	43.230	ng		
59) Diethylphthalate	15.11	149	1297130	42.562	ng		98
60) 4-Chlorophenyl-phenylether	15.32	204	542432	40.409	ng		92
61) 4-Nitroaniline	15.34	138	310823	42.623	ng		93
62) Azobenzene	15.61	77	1347868	41.303	ng		89
64) 4,6-Dinitro-2-methylphenol	15.40	198	201002	42.235	ng		88
65) n-Nitrosodiphenylamine	15.53	169	1035034	40.010	ng		97
66) 4-Bromophenyl-phenylether	16.21	248	320943	40.999	ng	#	89
67) Hexachlorobenzene	16.32	284	369394	40.756	ng	#	92
68) Atrazine	16.49	200	312952	44.655	ng		96
69) Pentachlorophenol	16.66	266	248543	42.439	ng		98
70) Phenanthrene	17.05	178	1761903	39.484	ng		100
71) Anthracene	17.14	178	1770879	40.521	ng		98
72) Carbazole	17.42	167	1662080	40.470	ng		97
73) Di-n-butylphthalate	18.00	149	2038496	43.560	ng		99
74) Fluoranthene	19.07	202	1809032	40.221	ng		94
76) Benzidine	19.26	184	701766	43.802	ng	#	94
77) Pyrene	19.44	202	1853232	43.488	ng		100
79) Butylbenzylphthalate	20.37	149	787084	43.842	ng		98
80) Benzo(a)anthracene	21.20	228	1528655	41.002	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	489406	41.701	ng	#	97
82) Chrysene	21.25	228	1447115	40.093	ng		99
83) Bis(2-ethylhexyl)phthalate	21.16	149	1157410	42.206	ng	#	95
84) Di-n-octyl phthalate	22.03	149	1600013	40.780	ng	#	93
85) Indeno(1,2,3-cd)pyrene	26.25	276	1168301	37.635	ng	#	91
87) Benzo(b)fluoranthene	22.76	252	1326744	41.158	ng	#	95
88) Benzo(k)fluoranthene	22.80	252	1341227	41.777	ng	#	96
89) Benzo(a)pyrene	23.31	252	1244898	42.321	ng	#	95
90) Dibenzo(a,h)anthracene	25.60	278	1195284	41.238	ng	#	92
91) Benzo(g,h,i)perylene	26.25	276	1168301	41.285	ng	#	89

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

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