Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002160.D
Acq On : 26 Jul 2018 05:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:55 AM

Quant Time: Jul 26 08:03:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	251509	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	1047006	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	545302	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1095276	20.00	ng		0.00
75) Chrysene-d12	21.27	240	994881	20.00	ng		0.00
86) Perylene-d12	23.49	264	1006821	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1224551	78.38	ng		0.00
7) Phenol-d6	6.88	99	1671794	76.26	ng		0.00
23) Nitrobenzene-d5	8.85	82	1643499	80.50	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	508127	71.76	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3398741	81.18	ng		0.00
78) Terphenyl-d14	19.71	244	3609912	75.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	233509	39.815	ng	#	77
3) Pyridine	3.66	79	682841	40.194	ng	#	70
4) n-Nitrosodimethylamine	3.58	42	277784	38.118	ng	#	71
6) Aniline	7.03	93	1004612	37.513	ng		99
8) 2-Chlorophenol	7.26	128	688561	38.004	ng		93
9) Benzaldehyde	6.85	77	516150	38.228	ng		91
10) Phenol	6.90	94	855910	38.087	ng		100
11) bis(2-Chloroethyl)ether	7.13	93	682628	37.321	ng		93
12) 1,3-Dichlorobenzene	7.58	146	780676	37.809	ng		99
13) 1,4-Dichlorobenzene	7.73	146	803513	38.040	ng		96
14) 1,2-Dichlorobenzene	8.04	146	765114	37.547	ng		96
15) Benzyl Alcohol	7.93	79	604447	36.538	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	1109742	37.572	ng		92
17) 2-Methylphenol	8.13	107	561626	36.608	ng		98
18) Hexachloroethane	8.76	117	296298	38.327	ng		90
19) n-Nitroso-di-n-propylamine	8.49	70	561377	35.303	ng	#	97
20) 3+4-Methylphenols	8.46	107	776502	36.276	ng		94
22) Acetophenone	8.50	105	1026356	37.808	ng	#	96
24) Nitrobenzene	8.89	77	817929	38.657	ng		93
25) Isophorone	9.40	82	1269102	36.203	ng		95
26) 2-Nitrophenol	9.59	139	389268	38.085	ng		96
27) 2,4-Dimethylphenol	9.65	122	535571	37.677	ng		96
28) bis(2-Chloroethoxy)methane	9.89	93	835322	36.889	ng		97
29) 2,4-Dichlorophenol	10.12	162	627857	37.878	ng		94
30) 1,2,4-Trichlorobenzene	10.33	180	718926	38.297	ng		97
31) Naphthalene	10.52	128	1992714	37.712	ng		98
32) Benzoic acid	9.81	122	388664m	32.226	ng		
33) 4-Chloroaniline	10.63	127	860845	36.614	ng		98
34) Hexachlorobutadiene	10.80	225	448640	39.026	ng		98
35) Caprolactam	11.40	113	181188	32.030	ng	#	61
36) 4-Chloro-3-methylphenol	11.76	107	665599	35.313	ng		96
37) 2-Methylnaphthalene	12.13	142	1348137	36.175	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	728844	39.750	ng		98
40) Hexachlorocyclopentadiene	12.48	237	444695	42.942	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	474216	38.547	ng		99
43) 2,4,5-Trichlorophenol	12.82	196	495336	38.011	ng		97
45) 1,1'-Biphenyl	13.15	154	1877918	39.136	ng		99
46) 2-Chloronaphthalene	13.19	162	1458202	39.370	ng		99
47) 2-Nitroaniline	13.40	65	456868	38.334	ng		93
48) Acenaphthylene	14.05	152	2132043	37.933	ng		98
49) Dimethylphthalate	13.79	163	1627130	35.922	ng		100
50) 2,6-Dinitrotoluene	13.90	165	368998	36.668	ng		94
51) Acenaphthene	14.39	154	1282549	37.883	ng		99
52) 3-Nitroaniline	14.23	138	400028	36.688	ng	#	86
53) 2,4-Dinitrophenol	14.45	184	174385	32.727	ng		99
54) Dibenzofuran	14.72	168	2033015	37.037	ng		96
55) 4-Nitrophenol	14.55	139	297679	35.561	ng		89
56) 2,4-Dinitrotoluene	14.70	165	492092	36.030	ng		86
57) Fluorene	15.37	166	1503825	36.348	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.95	232	399451	35.642	ng		93
59) Diethylphthalate	15.16	149	1619398	35.125	ng		99
60) 4-Chlorophenyl-phenylether	15.37	204	841495	36.757	ng		97
61) 4-Nitroaniline	15.40	138	398083	35.815	ng		94
62) Azobenzene	15.67	77	1620941	36.641	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	276507	37.393	ng		99
65) n-Nitrosodiphenylamine	15.59	169	1396096	38.413	ng		96
66) 4-Bromophenyl-phenylether	16.27	248	495686	38.659	ng		94
67) Hexachlorobenzene	16.38	284	532488	37.546	ng		96
68) Atrazine	16.55	200	452045	36.943	ng		96
69) Pentachlorophenol	16.73	266	343675	37.646	ng		98
70) Phenanthrene	17.12	178	2240382	37.474	ng		100
71) Anthracene	17.20	178	2233662	37.748	ng		98
72) Carbazole	17.47	167	2199249	37.040	ng		97
73) Di-n-butylphthalate	18.05	149	2540393	36.679	ng		99
74) Fluoranthene	19.13	202	2388489	36.797	ng		98
76) Benzidine	19.32	184	1224744	37.745	ng		97
77) Pyrene	19.50	202	2480836	36.159	ng		100
79) Butylbenzylphthalate	20.41	149	1098437	36.779	ng		92
80) Benzo(a)anthracene	21.25	228	2261260	37.291	ng		98
81) 3,3'-Dichlorobenzidine	21.19	252	920992	38.986	ng		100
82) Chrysene	21.30	228	2191139	37.952	ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	1569926	37.696	ng		96
84) Di-n-octyl phthalate	22.07	149	2599607	39.367	ng		98
85) Indeno(1,2,3-cd)pyrene	25.73	276	2490502	44.245	ng	#	95
87) Benzo(b)fluoranthene	22.83	252	2160699	36.363	ng		98
88) Benzo(k)fluoranthene	22.87	252	2200946	37.610	ng		98
89) Benzo(a)pyrene	23.40	252	2083230	37.540	ng	#	97
90) Dibenzo(a,h)anthracene	25.74	278	2106410	40.430	ng	#	96
91) Benzo(g,h,i)perylene	26.40	276	2052517	40.764	ng	#	94

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

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