Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011021.D
Acq On : 27 Jul 2017 21:24
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/28/2017 4:45:03 PM

Quant Time: Jul 28 03:51:32 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	187551	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	848611	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	698788	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1994945	20.00	ng		0.00
75) Chrysene-d12	21.03	240	2192947	20.00	ng		0.00
86) Perylene-d12	23.13	264	1658998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	838815	75.60	ng		0.00
7) Phenol-d6	6.59	99	1259719	79.91	ng		0.00
23) Nitrobenzene-d5	8.54	82	1851040	81.87	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	985175	87.96	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	4169198	74.83	ng		0.00
78) Terphenyl-d14	19.47	244	9601209	86.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	191156	38.373	ng	#	100
3) Pyridine	3.40	79	529887	38.943	ng		88
4) n-Nitrosodimethylamine	3.33	42	298452	43.041	ng	#	67
6) Aniline	6.74	93	798999	40.216	ng		91
8) 2-Chlorophenol	6.96	128	454308	40.332	ng		84
9) Benzaldehyde	6.55	77	408286	40.030	ng	#	78
10) Phenol	6.61	94	680485	39.744	ng		97
11) bis(2-Chloroethyl)ether	6.83	93	522798	39.188	ng		91
12) 1,3-Dichlorobenzene	7.27	146	545066	39.705	ng	#	77
13) 1,4-Dichlorobenzene	7.42	146	558916	39.720	ng	#	90
14) 1,2-Dichlorobenzene	7.73	146	525753	39.078	ng	#	92
15) Benzyl Alcohol	7.63	79	623999	41.264	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.93	45	502516	41.859	ng		79
17) 2-Methylphenol	7.84	107	453769	41.467	ng	#	75
18) Hexachloroethane	8.45	117	247047	40.259	ng	#	79
19) n-Nitroso-di-n-propylamine	8.20	70	600922	44.859	ng	#	93
20) 3+4-Methylphenols	8.17	107	657610	43.232	ng	#	84
22) Acetophenone	8.20	105	958394	37.676	ng	#	90
24) Nitrobenzene	8.58	77	958943	40.928	ng	#	85
25) Isophorone	9.10	82	1566504	41.553	ng	#	87
26) 2-Nitrophenol	9.27	139	294499	39.503	ng	#	12
27) 2,4-Dimethylphenol	9.35	122	532246	40.556	ng	#	72
28) bis(2-Chloroethoxy)methane	9.59	93	831004	39.522	ng	#	97
29) 2,4-Dichlorophenol	9.81	162	600138	40.695	ng		96
30) 1,2,4-Trichlorobenzene	10.02	180	723732	39.691	ng		96
31) Naphthalene	10.20	128	1694350	39.689	ng		99
32) Benzoic acid	9.52	122	453300	42.971	ng	#	62
33) 4-Chloroaniline	10.32	127	714605	41.961	ng	#	71
34) Hexachlorobutadiene	10.49	225	580534	40.422	ng		95
35) Caprolactam	11.12	113	199342m	47.665	ng		
36) 4-Chloro-3-methylphenol	11.46	107	851212	44.701	ng	#	74
37) 2-Methylnaphthalene	11.82	142	1340700	42.750	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1112467	37.055	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	645781	36.915	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	703097	38.692	ng		96
43) 2,4,5-Trichlorophenol	12.53	196	729815	38.995	ng	#	87
45) 1,1'-Biphenyl	12.87	154	2247214	37.191	ng		98
46) 2-Chloronaphthalene	12.90	162	1664717	37.393	ng	#	93
47) 2-Nitroaniline	13.13	65	684241	43.445	ng	#	70
48) Acenaphthylene	13.76	152	2628082	39.556	ng		99
49) Dimethylphthalate	13.53	163	2398809	40.128	ng	#	99
50) 2,6-Dinitrotoluene	13.64	165	500184	41.377	ng	#	58
51) Acenaphthene	14.12	154	1616814	39.302	ng		100
52) 3-Nitroaniline	13.97	138	441389	42.077	ng	#	30
53) 2,4-Dinitrophenol	14.17	184	360955	42.015	ng	#	81
54) Dibenzofuran	14.45	168	2678593	40.185	ng	#	91
55) 4-Nitrophenol	14.29	139	390906	42.415	ng		88
56) 2,4-Dinitrotoluene	14.43	165	746544	43.991	ng	#	95
57) Fluorene	15.10	166	2421729	41.728	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.69	232	734099	41.847	ng	#	100
59) Diethylphthalate	14.91	149	2571585	42.123	ng		99
60) 4-Chlorophenyl-phenylether	15.11	204	1455494	41.539	ng		99
61) 4-Nitroaniline	15.14	138	493118	44.257	ng	#	1
62) Azobenzene	15.40	77	2853854	43.678	ng		87
64) 4,6-Dinitro-2-methylphenol	15.20	198	543287	40.227	ng		94
65) n-Nitrosodiphenylamine	15.33	169	2170359	38.015	ng		99
66) 4-Bromophenyl-phenylether	16.01	248	1002485	39.089	ng	#	91
67) Hexachlorobenzene	16.11	284	1102912	38.058	ng	#	87
68) Atrazine	16.30	200	937179	40.962	ng		96
69) Pentachlorophenol	16.46	266	755313	41.053	ng		99
70) Phenanthrene	16.84	178	4141664	39.649	ng		99
71) Anthracene	16.94	178	4177822	40.102	ng		99
72) Carbazole	17.22	167	3694617	40.552	ng		99
73) Di-n-butylphthalate	17.80	149	4614142	41.588	ng	#	96
74) Fluoranthene	18.88	202	5323184	41.121	ng		98
76) Benzidine	19.08	184	2079695	39.642	ng		98
77) Pyrene	19.24	202	5513679	42.315	ng		99
79) Butylbenzylphthalate	20.18	149	1971935	42.558	ng	#	69
80) Benzo(a)anthracene	21.01	228	4958684	39.601	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1917637	39.038	ng	#	97
82) Chrysene	21.06	228	4704605	39.141	ng		98
83) Bis(2-ethylhexyl)phthalate	20.97	149	2784883	40.855	ng		99
84) Di-n-octyl phthalate	21.82	149	4351982	39.337	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	4013778	32.244	ng	#	96
87) Benzo(b)fluoranthene	22.52	252	4329845	40.665	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	4289797	42.035	ng	#	95
89) Benzo(a)pyrene	23.04	252	3853087	39.992	ng	#	96
90) Dibenzo(a,h)anthracene	25.23	278	3306482	37.019	ng	#	91
91) Benzo(g,h,i)perylene	25.84	276	3192980	36.406	ng	#	84

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

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