Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080117\
Data File : BM011076.D
Acq On : 01 Aug 2017 11:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/2/2017 7:17:11 PM

Quant Time: Aug 01 16:21:16 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	7.38	152	169113	20.00	ng		-0.01
21) Naphthalene-d8	10.14	136	769757	20.00	ng		-0.01
38) Acenaphthene-d10	14.04	164	612236	20.00	ng		-0.01
63) Phenanthrene-d10	16.80	188	1711246	20.00	ng		-0.01
75) Chrysene-d12	21.02	240	2135690	20.00	ng		0.00
86) Perylene-d12	23.13	264	1850070	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	818654	81.83	ng		0.00
7) Phenol-d6	6.58	99	1265874	89.06	ng		-0.01
23) Nitrobenzene-d5	8.53	82	1796538	87.60	ng		0.00
41) 2,4,6-Tribromophenol	15.54	330	866186	88.27	ng		-0.01
44) 2-Fluorobiphenyl	12.65	172	3770274	77.23	ng		-0.01
78) Terphenyl-d14	19.46	244	8852410	82.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	172938	38.501	ng	#	100
3) Pyridine	3.40	79	536598	43.736	ng		88
4) n-Nitrosodimethylamine	3.32	42	280989	44.941	ng	#	72
6) Aniline	6.73	93	795438	44.402	ng	#	86
8) 2-Chlorophenol	6.95	128	417768	41.132	ng	#	78
9) Benzaldehyde	6.55	77	412848	44.891	ng	#	72
10) Phenol	6.60	94	673992	43.656	ng		94
11) bis(2-Chloroethyl)ether	6.83	93	509797	42.379	ng		95
12) 1,3-Dichlorobenzene	7.27	146	507205	40.976	ng	#	81
13) 1,4-Dichlorobenzene	7.42	146	529681	41.746	ng	#	92
14) 1,2-Dichlorobenzene	7.73	146	500749	41.278	ng	#	90
15) Benzyl Alcohol	7.63	79	640052	46.940	ng	#	79
16) 2,2'-oxybis(1-Chloropropan	7.91	45	497406	45.951	ng		77
17) 2-Methylphenol	7.83	107	443974	44.996	ng	#	77
18) Hexachloroethane	8.44	117	237236	42.875	ng	#	80
19) n-Nitroso-di-n-propylamine	8.19	70	589896	48.837	ng	#	90
20) 3+4-Methylphenols	8.16	107	618860	45.120	ng	#	81
22) Acetophenone	8.20	105	934296	40.491	ng	#	92
24) Nitrobenzene	8.57	77	913976	43.005	ng	#	84
25) Isophorone	9.10	82	1532796	44.824	ng	#	86
26) 2-Nitrophenol	9.27	139	280600	41.494	ng	#	20
27) 2,4-Dimethylphenol	9.35	122	481469	40.445	ng	#	66
28) bis(2-Chloroethoxy)methane	9.58	93	787624	41.296	ng		98
29) 2,4-Dichlorophenol	9.80	162	555206	41.505	ng		94
30) 1,2,4-Trichlorobenzene	10.01	180	658367	39.805	ng		96
31) Naphthalene	10.19	128	1583034	40.880	ng		98
32) Benzoic acid	9.51	122	416854	43.565	ng	#	67
33) 4-Chloroaniline	10.31	127	663036	42.921	ng	#	72
34) Hexachlorobutadiene	10.48	225	529201	40.623	ng		95
35) Caprolactam	11.11	113	185133m	48.802	ng		
36) 4-Chloro-3-methylphenol	11.45	107	793632	45.947	ng	#	76
37) 2-Methylnaphthalene	11.82	142	1226342	43.109	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1004551	38.191	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	565079	36.868	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.45	196	635839	39.938	ng		99
43) 2,4,5-Trichlorophenol	12.52	196	652996	39.823	ng	#	85
45) 1,1'-Biphenyl	12.86	154	2029093	38.329	ng		97
46) 2-Chloronaphthalene	12.90	162	1500918	38.480	ng		94
47) 2-Nitroaniline	13.12	65	634705	45.997	ng	#	67
48) Acenaphthylene	13.76	152	2349714	40.366	ng		100
49) Dimethylphthalate	13.52	163	2121424	40.505	ng	#	99
50) 2,6-Dinitrotoluene	13.63	165	453767	42.844	ng	#	57
51) Acenaphthene	14.10	154	1458081	40.454	ng		98
52) 3-Nitroaniline	13.96	138	395010	42.980	ng	#	25
53) 2,4-Dinitrophenol	14.17	184	302437	40.180	ng	#	82
54) Dibenzofuran	14.45	168	2385096	40.840	ng	#	88
55) 4-Nitrophenol	14.29	139	353663	43.799	ng		90
56) 2,4-Dinitrotoluene	14.43	165	651981	43.850	ng		88
57) Fluorene	15.10	166	2168261	42.643	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.68	232	650955	42.353	ng	#	100
59) Diethylphthalate	14.90	149	2269999	42.439	ng		99
60) 4-Chlorophenyl-phenylether	15.10	204	1284614	41.845	ng		95
61) 4-Nitroaniline	15.14	138	444824	45.567	ng	#	1
62) Azobenzene	15.40	77	2591276	45.266	ng		87
64) 4,6-Dinitro-2-methylphenol	15.19	198	466639	40.280	ng		97
65) n-Nitrosodiphenylamine	15.33	169	1921987	39.246	ng		100
66) 4-Bromophenyl-phenylether	16.00	248	868406	39.475	ng	#	91
67) Hexachlorobenzene	16.10	284	981130	39.468	ng	#	86
68) Atrazine	16.29	200	795302	40.524	ng		97
69) Pentachlorophenol	16.46	266	663031	42.012	ng		97
70) Phenanthrene	16.84	178	3721246	41.530	ng		99
71) Anthracene	16.93	178	3731565	41.757	ng		99
72) Carbazole	17.21	167	3354341	42.921	ng		99
73) Di-n-butylphthalate	17.80	149	4094588	43.023	ng	#	96
74) Fluoranthene	18.87	202	4966627	44.728	ng		98
76) Benzidine	19.08	184	1921043	37.600	ng		99
77) Pyrene	19.24	202	5003260	39.427	ng		99
79) Butylbenzylphthalate	20.18	149	1967121	43.592	ng	#	70
80) Benzo(a)anthracene	21.00	228	5034970	41.288	ng		99
81) 3,3'-Dichlorobenzidine	20.95	252	1975019	41.285	ng	#	98
82) Chrysene	21.06	228	4794884	40.962	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2763244	41.625	ng	#	98
84) Di-n-octyl phthalate	21.82	149	4670849	43.352	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	4355309	35.926	ng	#	96
87) Benzo(b)fluoranthene	22.51	252	4987579	42.004	ng	#	92
88) Benzo(k)fluoranthene	22.55	252	4598280	40.404	ng	#	94
89) Benzo(a)pyrene	23.04	252	4356877	40.550	ng	#	96
90) Dibenzo(a,h)anthracene	25.22	278	3540635	35.547	ng	#	91
91) Benzo(g,h,i)perylene	25.84	276	3399784	34.760	ng	#	84

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

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