Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081117\
Data File : BM011199.D
Acq On : 11 Aug 2017 12:20
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/14/2017 6:56:50 PM

Quant Time: Aug 11 16:07:44 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 16:03:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	179383	20.00	ng		0.00
21) Naphthalene-d8	10.05	136	775560	20.00	ng		0.00
38) Acenaphthene-d10	13.96	164	610022	20.00	ng		0.00
63) Phenanthrene-d10	16.72	188	1727106	20.00	ng		0.00
75) Chrysene-d12	20.95	240	2243763	20.00	ng		0.00
86) Perylene-d12	23.03	264	2017231	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	822675	77.53	ng		0.00
7) Phenol-d6	6.50	99	1191794	79.05	ng		0.00
23) Nitrobenzene-d5	8.45	82	1788194	86.54	ng		0.00
41) 2,4,6-Tribromophenol	15.47	330	812406	83.09	ng		0.00
44) 2-Fluorobiphenyl	12.57	172	3602271	74.06	ng		0.00
78) Terphenyl-d14	19.39	244	8366499	73.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	201695	42.333	ng	#	100
3) Pyridine	3.30	79	547214	42.048	ng		88
4) n-Nitrosodimethylamine	3.22	42	338666	51.065	ng	#	62
6) Aniline	6.65	93	763684	40.189	ng	#	81
8) 2-Chlorophenol	6.87	128	409227	37.984	ng	#	69
9) Benzaldehyde	6.46	77	389087	39.885	ng	#	69
10) Phenol	6.53	94	654075	39.941	ng		91
11) bis(2-Chloroethyl)ether	6.75	93	512594	40.172	ng		86
12) 1,3-Dichlorobenzene	7.18	146	507693	38.667	ng	#	69
13) 1,4-Dichlorobenzene	7.33	146	517237	38.432	ng	#	85
14) 1,2-Dichlorobenzene	7.64	146	497186	38.638	ng	#	89
15) Benzyl Alcohol	7.55	79	653990	45.216	ng	#	75
16) 2,2'-oxybis(1-Chloropropan	7.84	45	527311	45.925	ng		75
17) 2-Methylphenol	7.75	107	425338	40.639	ng	#	69
18) Hexachloroethane	8.35	117	262996	44.809	ng	#	81
19) n-Nitroso-di-n-propylamine	8.11	70	622658	48.599	ng	#	91
20) 3+4-Methylphenols	8.08	107	584853	40.199	ng	#	76
22) Acetophenone	8.12	105	878291	37.779	ng	#	88
24) Nitrobenzene	8.49	77	927350	43.308	ng	#	81
25) Isophorone	9.01	82	1487635	43.177	ng	#	83
26) 2-Nitrophenol	9.19	139	252927	37.122	ng	#	3
27) 2,4-Dimethylphenol	9.26	122	442668	36.907	ng	#	60
28) bis(2-Chloroethoxy)methane	9.50	93	765576	39.840	ng	#	97
29) 2,4-Dichlorophenol	9.72	162	515526	38.250	ng		88
30) 1,2,4-Trichlorobenzene	9.92	180	684091	41.051	ng		98
31) Naphthalene	10.10	128	1472636	37.745	ng		98
32) Benzoic acid	9.45	122	338395	35.100	ng	#	34
33) 4-Chloroaniline	10.23	127	541564	34.795	ng	#	64
34) Hexachlorobutadiene	10.39	225	586640	44.695	ng		97
35) Caprolactam	11.03	113	151618	39.668	ng	#	86
36) 4-Chloro-3-methylphenol	11.37	107	716447	41.168	ng	#	72
37) 2-Methylnaphthalene	11.73	142	1144091	39.917	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.12	216	982242	37.478	ng	#	100
40) Hexachlorocyclopentadiene	12.09	237	557953	36.536	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.37	196	590425	37.220	ng		97
43) 2,4,5-Trichlorophenol	12.44	196	590769	36.159	ng	#	85
45) 1,1'-Biphenyl	12.78	154	1923946	36.475	ng		94
46) 2-Chloronaphthalene	12.82	162	1408411	36.240	ng	#	92
47) 2-Nitroaniline	13.04	65	625383	45.486	ng	#	58
48) Acenaphthylene	13.67	152	2191482	37.785	ng		99
49) Dimethylphthalate	13.45	163	1924984	36.888	ng	#	99
50) 2,6-Dinitrotoluene	13.56	165	409011	38.759	ng	#	41
51) Acenaphthene	14.03	154	1362035	37.927	ng		98
52) 3-Nitroaniline	13.89	138	325957	35.595	ng	#	17
53) 2,4-Dinitrophenol	14.10	184	276168	36.824	ng	#	73
54) Dibenzofuran	14.37	168	2251474	38.692	ng	#	90
55) 4-Nitrophenol	14.22	139	250437	31.128	ng	#	66
56) 2,4-Dinitrotoluene	14.36	165	611511	41.278	ng	#	73
57) Fluorene	15.02	166	2001648	39.509	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.60	232	609539	39.803	ng	#	100
59) Diethylphthalate	14.83	149	2178524	40.877	ng		100
60) 4-Chlorophenyl-phenylether	15.03	204	1220954	39.916	ng		97
61) 4-Nitroaniline	15.06	138	339586m	34.913	ng		
62) Azobenzene	15.32	77	2751427	48.238	ng		84
64) 4,6-Dinitro-2-methylphenol	15.12	198	452557	38.706	ng		94
65) n-Nitrosodiphenylamine	15.25	169	1791087	36.237	ng		99
66) 4-Bromophenyl-phenylether	15.93	248	820876	36.972	ng	#	89
67) Hexachlorobenzene	16.03	284	910325	36.284	ng	#	83
68) Atrazine	16.22	200	728422	36.775	ng		96
69) Pentachlorophenol	16.38	266	607960	38.169	ng		98
70) Phenanthrene	16.76	178	3415483	37.767	ng		98
71) Anthracene	16.86	178	3478102	38.563	ng		99
72) Carbazole	17.14	167	2977094	37.744	ng		99
73) Di-n-butylphthalate	17.72	149	3950218	41.125	ng	#	96
74) Fluoranthene	18.80	202	4680674	41.765	ng		98
76) Benzidine	19.01	184	1149526m	21.416	ng		
77) Pyrene	19.16	202	4762704	35.723	ng		100
79) Butylbenzylphthalate	20.11	149	1858347	39.198	ng	#	61
80) Benzo(a)anthracene	20.93	228	4854501	37.891	ng		99
81) 3,3'-Dichlorobenzidine	20.88	252	1865091	37.109	ng	#	98
82) Chrysene	20.99	228	4672145	37.991	ng		99
83) Bis(2-ethylhexyl)phthalate	20.90	149	2749051	39.416	ng	#	98
84) Di-n-octyl phthalate	21.74	149	4566668	40.343	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.06	276	4923984	38.660	ng	#	96
87) Benzo(b)fluoranthene	22.42	252	4864229	37.571	ng	#	91
88) Benzo(k)fluoranthene	22.46	252	4703988	37.908	ng	#	95
89) Benzo(a)pyrene	22.94	252	4497866	38.393	ng	#	96
90) Dibenzo(a,h)anthracene	25.06	278	4022713	37.040	ng	#	92
91) Benzo(g,h,i)perylene	25.67	276	4039304	37.877	ng	#	85

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

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