Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010999.D
Acq On : 27 Jul 2017 08:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/27/2017 6:21:49 PM

Quant Time: Jul 27 10:24:54 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	181856	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	843308	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	703158	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	2003470	20.00	ng		0.00
75) Chrysene-d12	21.03	240	2301653	20.00	ng		0.00
86) Perylene-d12	23.14	264	1762718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	838065	77.90	ng		0.00
7) Phenol-d6	6.59	99	1233884	80.73	ng		0.00
23) Nitrobenzene-d5	8.54	82	1808821	80.50	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	965377	85.66	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	4052094	72.27	ng		0.00
78) Terphenyl-d14	19.47	244	9853222	84.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	174293	36.084	ng	#	100
3) Pyridine	3.40	79	517981	39.260	ng	#	86
4) n-Nitrosodimethylamine	3.33	42	303710	45.171	ng	#	70
6) Aniline	6.74	93	790591	41.039	ng		91
8) 2-Chlorophenol	6.96	128	438340	40.133	ng		82
9) Benzaldehyde	6.55	77	375134	37.932	ng		84
10) Phenol	6.62	94	670607	40.393	ng		97
11) bis(2-Chloroethyl)ether	6.84	93	524411	40.540	ng		91
12) 1,3-Dichlorobenzene	7.28	146	529386	39.771	ng	#	78
13) 1,4-Dichlorobenzene	7.43	146	537148	39.369	ng	#	90
14) 1,2-Dichlorobenzene	7.73	146	527019	40.399	ng	#	89
15) Benzyl Alcohol	7.64	79	618597	42.187	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.93	45	488997	42.009	ng		76
17) 2-Methylphenol	7.84	107	449849	42.396	ng	#	76
18) Hexachloroethane	8.45	117	234333	39.383	ng	#	85
19) n-Nitroso-di-n-propylamine	8.20	70	590221	45.440	ng	#	94
20) 3+4-Methylphenols	8.17	107	639933	43.387	ng	#	79
22) Acetophenone	8.21	105	950349	37.595	ng	#	93
24) Nitrobenzene	8.58	77	923669	39.670	ng	#	87
25) Isophorone	9.10	82	1523458	40.665	ng	#	85
26) 2-Nitrophenol	9.28	139	295674	39.910	ng	#	10
27) 2,4-Dimethylphenol	9.36	122	505522	38.762	ng	#	68
28) bis(2-Chloroethoxy)methane	9.59	93	813861	38.950	ng		99
29) 2,4-Dichlorophenol	9.81	162	599457	40.904	ng		94
30) 1,2,4-Trichlorobenzene	10.02	180	718295	39.640	ng		96
31) Naphthalene	10.20	128	1676441	39.516	ng		99
32) Benzoic acid	9.52	122	431388	41.151	ng	#	60
33) 4-Chloroaniline	10.32	127	707795	41.822	ng	#	72
34) Hexachlorobutadiene	10.49	225	584121	40.928	ng		99
35) Caprolactam	11.12	113	193458m	46.549	ng		
36) 4-Chloro-3-methylphenol	11.46	107	836863	44.224	ng	#	73
37) 2-Methylnaphthalene	11.83	142	1329182	42.649	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	1083397	35.862	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	636375	36.151	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	688414	37.649	ng		98
43) 2,4,5-Trichlorophenol	12.53	196	720071	38.235	ng	#	85
45) 1,1'-Biphenyl	12.87	154	2220116	36.515	ng		98
46) 2-Chloronaphthalene	12.90	162	1628920	36.362	ng		96
47) 2-Nitroaniline	13.13	65	652502	41.172	ng	#	67
48) Acenaphthylene	13.76	152	2577207	38.549	ng		99
49) Dimethylphthalate	13.53	163	2334942	38.817	ng	#	98
50) 2,6-Dinitrotoluene	13.64	165	490578	40.331	ng	#	53
51) Acenaphthene	14.12	154	1603445	38.735	ng		99
52) 3-Nitroaniline	13.97	138	438306	41.524	ng	#	42
53) 2,4-Dinitrophenol	14.18	184	379990	43.956	ng		92
54) Dibenzofuran	14.45	168	2642015	39.390	ng	#	90
55) 4-Nitrophenol	14.29	139	385989	41.621	ng		89
56) 2,4-Dinitrotoluene	14.43	165	735014	43.043	ng	#	93
57) Fluorene	15.11	166	2404705	41.178	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.69	232	721331	40.864	ng	#	100
59) Diethylphthalate	14.91	149	2559307	41.661	ng		100
60) 4-Chlorophenyl-phenylether	15.11	204	1413155	40.080	ng		95
61) 4-Nitroaniline	15.14	138	498239	44.439	ng	#	1
62) Azobenzene	15.40	77	2784533	42.352	ng		86
64) 4,6-Dinitro-2-methylphenol	15.20	198	550970	40.622	ng		90
65) n-Nitrosodiphenylamine	15.33	169	2142127	37.361	ng		99
66) 4-Bromophenyl-phenylether	16.01	248	977207	37.942	ng	#	91
67) Hexachlorobenzene	16.12	284	1088520	37.401	ng	#	90
68) Atrazine	16.30	200	885043	38.519	ng		96
69) Pentachlorophenol	16.46	266	740018	40.051	ng		97
70) Phenanthrene	16.85	178	4115838	39.234	ng		100
71) Anthracene	16.94	178	4104550	39.231	ng		99
72) Carbazole	17.22	167	3734756	40.818	ng		99
73) Di-n-butylphthalate	17.80	149	4663780	41.857	ng	#	96
74) Fluoranthene	18.88	202	5464552	42.034	ng		99
76) Benzidine	19.09	184	1387762	25.204	ng		98
77) Pyrene	19.24	202	5610960	41.027	ng		99
79) Butylbenzylphthalate	20.19	149	2102572	43.234	ng	#	71
80) Benzo(a)anthracene	21.01	228	5267363	40.080	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	2058789	39.932	ng	#	98
82) Chrysene	21.06	228	5051981	40.046	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	3054068	42.688	ng	#	98
84) Di-n-octyl phthalate	21.82	149	4762065	41.011	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	4153630	31.792	ng	#	97
87) Benzo(b)fluoranthene	22.51	252	4724411	41.759	ng	#	91
88) Benzo(k)fluoranthene	22.56	252	4431406	40.867	ng	#	95
89) Benzo(a)pyrene	23.05	252	4101295	40.063	ng	#	94
90) Dibenzo(a,h)anthracene	25.23	278	3410305	35.935	ng	#	91
91) Benzo(g,h,i)perylene	25.85	276	3312314	35.544	ng	#	84

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

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