Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072817\
Data File : BM011032.D
Acq On : 28 Jul 2017 09:00
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/31/2017 6:50:11 PM

Quant Time: Jul 28 14:55:13 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	187507	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	823034	20.00	ng		0.00
38) Acenaphthene-d10	14.04	164	611174	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1620064	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1666901	20.00	ng		0.00
86) Perylene-d12	23.14	264	1441709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	839016	75.64	ng		0.00
7) Phenol-d6	6.59	99	1243112	78.88	ng		0.00
23) Nitrobenzene-d5	8.53	82	1766955	80.58	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	809860	82.67	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	3801522	78.01	ng		0.00
78) Terphenyl-d14	19.47	244	7274412	86.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	182694	36.683	ng	#	100
3) Pyridine	3.40	79	502709	36.954	ng		87
4) n-Nitrosodimethylamine	3.33	42	294081	42.421	ng	#	72
6) Aniline	6.73	93	786756	39.609	ng	#	86
8) 2-Chlorophenol	6.96	128	437150	38.818	ng	#	79
9) Benzaldehyde	6.55	77	298732	29.296	ng	#	79
10) Phenol	6.61	94	664469	38.817	ng		99
11) bis(2-Chloroethyl)ether	6.83	93	508881	38.153	ng		92
12) 1,3-Dichlorobenzene	7.27	146	531624	38.735	ng	#	81
13) 1,4-Dichlorobenzene	7.42	146	539472	38.347	ng	#	87
14) 1,2-Dichlorobenzene	7.73	146	523093	38.890	ng	#	92
15) Benzyl Alcohol	7.63	79	562449	37.202	ng	#	80
16) 2,2'-oxybis(1-Chloropropan	7.93	45	494956	41.239	ng		78
17) 2-Methylphenol	7.83	107	441346	40.341	ng	#	76
18) Hexachloroethane	8.44	117	247929	40.412	ng	#	82
19) n-Nitroso-di-n-propylamine	8.20	70	581289	43.404	ng	#	93
20) 3+4-Methylphenols	8.16	107	630139	41.435	ng	#	82
22) Acetophenone	8.20	105	927895	37.611	ng	#	91
24) Nitrobenzene	8.57	77	907328	39.929	ng	#	87
25) Isophorone	9.10	82	1491071	40.781	ng	#	84
26) 2-Nitrophenol	9.27	139	282504	39.072	ng	#	24
27) 2,4-Dimethylphenol	9.35	122	489823	38.483	ng	#	71
28) bis(2-Chloroethoxy)methane	9.59	93	793783	38.925	ng		97
29) 2,4-Dichlorophenol	9.80	162	560864	39.214	ng		91
30) 1,2,4-Trichlorobenzene	10.02	180	683678	38.659	ng		99
31) Naphthalene	10.20	128	1617430	39.065	ng		99
32) Benzoic acid	9.51	122	392828	38.396	ng	#	50
33) 4-Chloroaniline	10.32	127	652212	39.487	ng	#	75
34) Hexachlorobutadiene	10.49	225	550409	39.516	ng		99
35) Caprolactam	11.11	113	161326m	39.774	ng		
36) 4-Chloro-3-methylphenol	11.46	107	783310	42.413	ng	#	74
37) 2-Methylnaphthalene	11.82	142	1262262	41.500	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	1009945	38.462	ng	#	100
40) Hexachlorocyclopentadiene	12.18	237	594382	38.848	ng		98

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42) 2,4,6-Trichlorophenol	12.46	196	628179	39.525	ng		99
43) 2,4,5-Trichlorophenol	12.53	196	650139	39.718	ng	#	86
45) 1,1'-Biphenyl	12.87	154	2074238	39.250	ng		98
46) 2-Chloronaphthalene	12.90	162	1502065	38.577	ng		93
47) 2-Nitroaniline	13.12	65	591968	42.974	ng	#	66
48) Acenaphthylene	13.76	152	2340413	40.276	ng		99
49) Dimethylphthalate	13.52	163	2055961	39.323	ng	#	99
50) 2,6-Dinitrotoluene	13.64	165	426956	40.383	ng	#	59
51) Acenaphthene	14.11	154	1446502	40.203	ng		99
52) 3-Nitroaniline	13.97	138	375824	40.963	ng	#	42
53) 2,4-Dinitrophenol	14.17	184	303997	40.458	ng	#	86
54) Dibenzofuran	14.45	168	2370126	40.655	ng	#	91
55) 4-Nitrophenol	14.29	139	299913	37.207	ng	#	85
56) 2,4-Dinitrotoluene	14.43	165	608570	41.002	ng	#	93
57) Fluorene	15.10	166	2095442	41.282	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.68	232	623901	40.664	ng	#	100
59) Diethylphthalate	14.90	149	2197247	41.150	ng		99
60) 4-Chlorophenyl-phenylether	15.11	204	1250711	40.811	ng		99
61) 4-Nitroaniline	15.14	138	346106	35.516	ng	#	1
62) Azobenzene	15.40	77	2482846	43.447	ng		88
64) 4,6-Dinitro-2-methylphenol	15.20	198	445646	40.633	ng		93
65) n-Nitrosodiphenylamine	15.33	169	1807829	38.992	ng		99
66) 4-Bromophenyl-phenylether	16.00	248	855011	41.054	ng	#	86
67) Hexachlorobenzene	16.11	284	918416	39.025	ng	#	86
68) Atrazine	16.30	200	680716	36.637	ng		98
69) Pentachlorophenol	16.46	266	595276	39.841	ng		98
70) Phenanthrene	16.84	178	3391839	39.984	ng		99
71) Anthracene	16.93	178	3375785	39.902	ng		99
72) Carbazole	17.22	167	2872046	38.818	ng		99
73) Di-n-butylphthalate	17.80	149	3543830	39.332	ng	#	96
74) Fluoranthene	18.87	202	4067569	38.693	ng		99
76) Benzidine	19.09	184	876765	21.987	ng		98
77) Pyrene	19.24	202	4224477	42.652	ng		99
79) Butylbenzylphthalate	20.18	149	1456360	41.350	ng	#	70
80) Benzo(a)anthracene	21.01	228	3840274	40.348	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	1455531	38.982	ng	#	98
82) Chrysene	21.06	228	3606671	39.476	ng		100
83) Bis(2-ethylhexyl)phthalate	20.97	149	2091100	40.358	ng		99
84) Di-n-octyl phthalate	21.82	149	3361883	39.978	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	3740842	39.535	ng	#	97
87) Benzo(b)fluoranthene	22.51	252	3595303	38.855	ng	#	93
88) Benzo(k)fluoranthene	22.56	252	3578375	40.348	ng	#	95
89) Benzo(a)pyrene	23.04	252	3314628	39.588	ng	#	96
90) Dibenzo(a,h)anthracene	25.22	278	3070229	39.555	ng	#	92
91) Benzo(g,h,i)perylene	25.84	276	3034947	39.819	ng	#	85

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

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