Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
Data File : BM011153.D
Acq On : 07 Aug 2017 15:41
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/10/2017 6:12:53 PM

Quant Time: Aug 08 03:52:06 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	7.32	152	177369	20.00	ng		-0.08
21) Naphthalene-d8	10.07	136	866387	20.00	ng		-0.08
38) Acenaphthene-d10	13.98	164	769599	20.00	ng		-0.07
63) Phenanthrene-d10	16.74	188	2322831	20.00	ng		-0.07
75) Chrysene-d12	20.97	240	2929673	20.00	ng		-0.06
86) Perylene-d12	23.05	264	2577223	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	4.95	112	785904	74.90	ng		-0.08
7) Phenol-d6	6.52	99	1205744	80.88	ng		-0.08
23) Nitrobenzene-d5	8.46	82	1896128	82.14	ng		-0.08
41) 2,4,6-Tribromophenol	15.49	330	1067723	86.56	ng		-0.07
44) 2-Fluorobiphenyl	12.59	172	4414338	71.94	ng		-0.08
78) Terphenyl-d14	19.41	244	10636966	71.92	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	187501	39.800	ng	#	100
3) Pyridine	3.33	79	516086	40.106	ng		89
4) n-Nitrosodimethylamine	3.25	42	315841	48.164	ng	#	61
6) Aniline	6.66	93	759842	40.441	ng	#	79
8) 2-Chlorophenol	6.89	128	403872	37.913	ng	#	68
9) Benzaldehyde	6.47	77	373664	38.739	ng	#	74
10) Phenol	6.55	94	643498	39.741	ng		89
11) bis(2-Chloroethyl)ether	6.77	93	510688	40.477	ng		88
12) 1,3-Dichlorobenzene	7.20	146	496858	38.271	ng	#	75
13) 1,4-Dichlorobenzene	7.35	146	511246	38.418	ng	#	89
14) 1,2-Dichlorobenzene	7.66	146	498875	39.209	ng	#	91
15) Benzyl Alcohol	7.56	79	627487	43.876	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.85	45	529865	46.671	ng		80
17) 2-Methylphenol	7.77	107	450672	43.548	ng	#	71
18) Hexachloroethane	8.37	117	249558	43.002	ng	#	84
19) n-Nitroso-di-n-propylamine	8.13	70	683224	53.931	ng	#	89
20) 3+4-Methylphenols	8.10	107	618097	42.967	ng	#	78
22) Acetophenone	8.13	105	952033	36.658	ng	#	89
24) Nitrobenzene	8.50	77	968599	40.492	ng	#	79
25) Isophorone	9.03	82	1705675	44.316	ng	#	85
26) 2-Nitrophenol	9.20	139	275073	36.140	ng	#	1
27) 2,4-Dimethylphenol	9.28	122	491731	36.700	ng	#	63
28) bis(2-Chloroethoxy)methane	9.52	93	844381	39.334	ng	#	98
29) 2,4-Dichlorophenol	9.73	162	587767	39.038	ng		91
30) 1,2,4-Trichlorobenzene	9.94	180	721192	38.740	ng		97
31) Naphthalene	10.12	128	1661726	38.126	ng		98
32) Benzoic acid	9.47	122	397021	36.864	ng	#	31
33) 4-Chloroaniline	10.25	127	579004	33.301	ng	#	69
34) Hexachlorobutadiene	10.41	225	620116	42.293	ng		96
35) Caprolactam	11.06	113	195458m	45.777	ng		
36) 4-Chloro-3-methylphenol	11.39	107	890928	45.827	ng	#	71
37) 2-Methylnaphthalene	11.75	142	1343320	41.955	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.13	216	1152077	34.843	ng	#	100
40) Hexachlorocyclopentadiene	12.11	237	245539	12.744	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.39	196	743737	37.163	ng		99
43) 2,4,5-Trichlorophenol	12.46	196	765303	37.129	ng	#	85
45) 1,1'-Biphenyl	12.80	154	2354005	35.374	ng		97
46) 2-Chloronaphthalene	12.83	162	1717522	35.030	ng	#	92
47) 2-Nitroaniline	13.06	65	742073	42.781	ng	#	60
48) Acenaphthylene	13.70	152	2735559	37.385	ng		100
49) Dimethylphthalate	13.46	163	2522472	38.315	ng	#	99
50) 2,6-Dinitrotoluene	13.57	165	530042	39.813	ng	#	42
51) Acenaphthene	14.05	154	1737269	38.345	ng		100
52) 3-Nitroaniline	13.91	138	398210	34.468	ng	#	12
53) 2,4-Dinitrophenol	14.12	184	384951	40.685	ng	#	80
54) Dibenzofuran	14.39	168	2898103	39.478	ng	#	90
55) 4-Nitrophenol	14.23	139	302627	29.815	ng	#	80
56) 2,4-Dinitrotoluene	14.37	165	798028	42.698	ng	#	76
57) Fluorene	15.04	166	2643483	41.358	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.62	232	804082	41.619	ng	#	100
59) Diethylphthalate	14.84	149	2870286	42.690	ng		100
60) 4-Chlorophenyl-phenylether	15.04	204	1583205	41.026	ng		98
61) 4-Nitroaniline	15.09	138	291698	23.771	ng	#	1
62) Azobenzene	15.34	77	3451569	47.966	ng		84
64) 4,6-Dinitro-2-methylphenol	15.14	198	611958	38.916	ng		91
65) n-Nitrosodiphenylamine	15.27	169	2317154	34.857	ng		100
66) 4-Bromophenyl-phenylether	15.94	248	1090824	36.530	ng	#	91
67) Hexachlorobenzene	16.05	284	1234909	36.598	ng	#	92
68) Atrazine	16.24	200	941864	35.356	ng		96
69) Pentachlorophenol	16.40	266	839379	39.182	ng		98
70) Phenanthrene	16.79	178	4611599	37.916	ng		100
71) Anthracene	16.87	178	4607754	37.986	ng		99
72) Carbazole	17.16	167	3687995	34.765	ng		99
73) Di-n-butylphthalate	17.74	149	5243412	40.589	ng	#	96
74) Fluoranthene	18.82	202	6275237	41.633	ng		98
76) Benzidine	19.04	184	734559m	10.481	ng		
77) Pyrene	19.18	202	6605684	37.947	ng		98
79) Butylbenzylphthalate	20.13	149	2501276	40.407	ng	#	67
80) Benzo(a)anthracene	20.95	228	6332595	37.856	ng		98
81) 3,3'-Dichlorobenzidine	20.90	252	2132364	32.493	ng	#	98
82) Chrysene	21.00	228	6045087	37.647	ng		99
83) Bis(2-ethylhexyl)phthalate	20.92	149	3695688	40.583	ng	#	99
84) Di-n-octyl phthalate	21.76	149	6095326	41.241	ng		97
85) Indeno(1,2,3-cd)pyrene	25.10	276	5739150	34.511	ng	#	96
87) Benzo(b)fluoranthene	22.44	252	6421034	38.819	ng	#	93
88) Benzo(k)fluoranthene	22.49	252	5954732	37.560	ng	#	95
89) Benzo(a)pyrene	22.96	252	5704621	38.114	ng	#	96
90) Dibenzo(a,h)anthracene	25.10	278	4462118	32.159	ng	#	90
91) Benzo(g,h,i)perylene	25.71	276	4602772	33.782	ng	#	85

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

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