Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
Data File : BM011286.D
Acq On : 18 Aug 2017 03:48
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/18/2017 7:05:23 PM

Quant Time: Aug 18 10:41:14 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	89577	20.00	ng		-0.02
21) Naphthalene-d8	10.03	136	370007	20.00	ng		-0.02
38) Acenaphthene-d10	13.94	164	296512	20.00	ng		-0.02
63) Phenanthrene-d10	16.70	188	873949	20.00	ng		-0.02
75) Chrysene-d12	20.93	240	1195041	20.00	ng		-0.02
86) Perylene-d12	23.00	264	1050303	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	463161	87.40	ng		-0.02
7) Phenol-d6	6.47	99	713647	94.79	ng		-0.02
23) Nitrobenzene-d5	8.42	82	1067662	108.30	ng		-0.02
41) 2,4,6-Tribromophenol	15.45	330	433391	91.19	ng		-0.02
44) 2-Fluorobiphenyl	12.54	172	1971457	83.39	ng		-0.02
78) Terphenyl-d14	19.37	244	4875526	80.82	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.91	88	121879	51.226	ng	#	100
3) Pyridine	3.29	79	313899m	48.301	ng		
4) n-Nitrosodimethylamine	3.20	42	205800	62.141	ng	#	63
6) Aniline	6.62	93	450811	47.508	ng	#	79
8) 2-Chlorophenol	6.85	128	232332	43.185	ng	#	62
9) Benzaldehyde	6.43	77	227522	46.706	ng	#	67
10) Phenol	6.50	94	394691	48.265	ng		93
11) bis(2-Chloroethyl)ether	6.72	93	288687	45.307	ng		83
12) 1,3-Dichlorobenzene	7.16	146	284583	43.404	ng	#	71
13) 1,4-Dichlorobenzene	7.31	146	287976	42.849	ng	#	87
14) 1,2-Dichlorobenzene	7.62	146	281196	43.761	ng	#	89
15) Benzyl Alcohol	7.52	79	374126	51.799	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	7.81	45	305719	53.320	ng		77
17) 2-Methylphenol	7.73	107	235396	45.039	ng	#	63
18) Hexachloroethane	8.32	117	142346	48.568	ng	#	82
19) n-Nitroso-di-n-propylamine	8.09	70	368311	57.567	ng	#	91
20) 3+4-Methylphenols	8.06	107	333340	45.882	ng	#	75
22) Acetophenone	8.09	105	503748	45.418	ng	#	87
24) Nitrobenzene	8.46	77	564667	55.274	ng	#	79
25) Isophorone	8.99	82	872483	53.079	ng	#	83
26) 2-Nitrophenol	9.16	139	141634	43.573	ng	#	1
27) 2,4-Dimethylphenol	9.24	122	252123	44.060	ng	#	57
28) bis(2-Chloroethoxy)methane	9.47	93	445237	48.565	ng	#	96
29) 2,4-Dichlorophenol	9.69	162	289621	45.042	ng		92
30) 1,2,4-Trichlorobenzene	9.90	180	363884	45.769	ng		98
31) Naphthalene	10.07	128	820212	44.065	ng		98
32) Benzoic acid	9.39	122	187124	40.684	ng	#	34
33) 4-Chloroaniline	10.20	127	311728	41.981	ng	#	59
34) Hexachlorobutadiene	10.37	225	311756	49.786	ng		97
35) Caprolactam	10.99	113	85984	47.154	ng	#	87
36) 4-Chloro-3-methylphenol	11.35	107	422942	50.940	ng	#	68
37) 2-Methylnaphthalene	11.70	142	622157	45.499	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.09	216	553303	43.433	ng	#	100
40) Hexachlorocyclopentadiene	12.07	237	299070	40.290	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.35	196	338364	43.883	ng		98
43) 2,4,5-Trichlorophenol	12.42	196	341281	42.975	ng	#	86
45) 1,1'-Biphenyl	12.76	154	1059806	41.336	ng		94
46) 2-Chloronaphthalene	12.79	162	796184	42.148	ng		96
47) 2-Nitroaniline	13.02	65	381202	57.041	ng	#	57
48) Acenaphthylene	13.66	152	1199158	42.536	ng		99
49) Dimethylphthalate	13.42	163	1096598	43.232	ng	#	99
50) 2,6-Dinitrotoluene	13.54	165	232063	45.242	ng	#	30
51) Acenaphthene	14.00	154	759516	43.511	ng		97
52) 3-Nitroaniline	13.87	138	189376	42.546	ng	#	23
53) 2,4-Dinitrophenol	14.08	184	168612	46.253	ng	#	79
54) Dibenzofuran	14.34	168	1260044	44.550	ng	#	86
55) 4-Nitrophenol	14.20	139	131035	33.507	ng	#	57
56) 2,4-Dinitrotoluene	14.33	165	333718	46.344	ng	#	62
57) Fluorene	15.00	166	1125121	45.689	ng		99
58) 2,3,4,6-Tetrachlorophenol	14.58	232	350613	47.102	ng	#	100
59) Diethylphthalate	14.80	149	1179272	45.523	ng		99
60) 4-Chlorophenyl-phenylether	15.01	204	698527	46.982	ng		99
61) 4-Nitroaniline	15.04	138	174869	36.987	ng	#	1
62) Azobenzene	15.30	77	1599737	57.701	ng		84
64) 4,6-Dinitro-2-methylphenol	15.10	198	255813	43.237	ng		95
65) n-Nitrosodiphenylamine	15.23	169	1025734	41.011	ng		99
66) 4-Bromophenyl-phenylether	15.90	248	453313	40.348	ng	#	83
67) Hexachlorobenzene	16.01	284	517884	40.793	ng	#	86
68) Atrazine	16.20	200	400389	39.947	ng		95
69) Pentachlorophenol	16.36	266	331086	41.077	ng		95
70) Phenanthrene	16.74	178	1959794	42.826	ng		99
71) Anthracene	16.83	178	1998621	43.792	ng		98
72) Carbazole	17.12	167	1767812	44.292	ng		98
73) Di-n-butylphthalate	17.70	149	2099371	43.193	ng	#	95
74) Fluoranthene	18.77	202	2677229	47.209	ng		97
76) Benzidine	18.99	184	543084	18.996	ng		99
77) Pyrene	19.14	202	2833118	39.899	ng		98
79) Butylbenzylphthalate	20.09	149	999413	39.580	ng	#	59
80) Benzo(a)anthracene	20.92	228	2936042	43.028	ng		99
81) 3,3'-Dichlorobenzidine	20.86	252	1091286	40.767	ng	#	97
82) Chrysene	20.96	228	2779922	42.442	ng		99
83) Bis(2-ethylhexyl)phthalate	20.88	149	1483496	39.937	ng		99
84) Di-n-octyl phthalate	21.73	149	2497807	41.431	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.01	276	2887601	42.568	ng	#	96
87) Benzo(b)fluoranthene	22.39	252	2826405	41.929	ng	#	92
88) Benzo(k)fluoranthene	22.43	252	2866165	44.361	ng	#	95
89) Benzo(a)pyrene	22.91	252	2662816	43.655	ng	#	95
90) Dibenzo(a,h)anthracene	25.02	278	2374421	41.991	ng	#	91
91) Benzo(g,h,i)perylene	25.62	276	2353321	42.383	ng	#	84

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

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