Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099834.D
Acq On : 26 Oct 2017 1:54
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/27/2017 8:59:22 AM

Quant Time: Oct 26 04:05:13 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	66108	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	265397	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	118593	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	205920	20.00	ng		0.00
75) Chrysene-d12	13.99	240	160405	20.00	ng		0.00
86) Perylene-d12	15.46	264	144074	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	340262	80.81	ng		0.00
7) Phenol-d6	6.44	99	400763	80.27	ng		0.00
23) Nitrobenzene-d5	7.37	82	326413	79.18	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	85101	78.74	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	659366	85.78	ng		0.00
78) Terphenyl-d14	12.92	244	594502	81.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	71536	38.471	ng	#	91
3) Pyridine	3.24	79	182819	40.885	ng		92
4) n-Nitrosodimethylamine	3.19	42	60253	37.717	ng	#	65
6) Aniline	6.46	93	258574	39.942	ng		97
8) 2-Chlorophenol	6.58	128	182461	40.657	ng		95
9) Benzaldehyde	6.35	77	120127	40.263	ng		91
10) Phenol	6.45	94	220828	40.284	ng		98
11) bis(2-Chloroethyl)ether	6.53	93	169755	40.101	ng		92
12) 1,3-Dichlorobenzene	6.73	146	201416	39.971	ng		97
13) 1,4-Dichlorobenzene	6.81	146	207001	40.476	ng		97
14) 1,2-Dichlorobenzene	6.96	146	187975	40.330	ng		96
15) Benzyl Alcohol	6.95	79	128142	40.357	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	186927	39.751	ng		61
17) 2-Methylphenol	7.06	107	151017	40.229	ng		98
18) Hexachloroethane	7.30	117	60490	35.453	ng		99
19) n-Nitroso-di-n-propylamine	7.21	70	117971	40.319	ng		92
20) 3+4-Methylphenols	7.21	107	182402	41.730	ng	#	50
22) Acetophenone	7.21	105	248195	41.072	ng	#	97
24) Nitrobenzene	7.39	77	167074	40.224	ng		91
25) Isophorone	7.62	82	293782	39.274	ng		95
26) 2-Nitrophenol	7.70	139	89908	37.792	ng		88
27) 2,4-Dimethylphenol	7.74	122	142016	40.515	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	207074	39.527	ng		99
29) 2,4-Dichlorophenol	7.95	162	148386	40.751	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	152763	39.264	ng		99
31) Naphthalene	8.10	128	510739	39.867	ng		99
32) Benzoic acid	7.88	122	92352m	29.933	ng		
33) 4-Chloroaniline	8.16	127	213667	40.390	ng		95
34) Hexachlorobutadiene	8.21	225	81451	40.701	ng		98
35) Caprolactam	8.54	113	45887	40.072	ng	#	73
36) 4-Chloro-3-methylphenol	8.65	107	143333	38.566	ng		93
37) 2-Methylnaphthalene	8.79	142	340142	39.620	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	159283	41.585	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	608	10.961	ng		74

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	95368	41.163	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	102078	41.519	ng	#	90
45) 1,1'-Biphenyl	9.26	154	441290	41.133	ng		99
46) 2-Chloronaphthalene	9.29	162	311092	39.928	ng		97
47) 2-Nitroaniline	9.39	65	83106	40.640	ng		92
48) Acenaphthylene	9.70	152	484567	40.380	ng		99
49) Dimethylphthalate	9.56	163	375613	39.995	ng		99
50) 2,6-Dinitrotoluene	9.63	165	78547	39.784	ng	#	84
51) Acenaphthene	9.87	154	293998	40.095	ng		98
52) 3-Nitroaniline	9.81	138	96520	41.490	ng		89
53) 2,4-Dinitrophenol	9.96	184	1729	7.820	ng		91
54) Dibenzofuran	10.05	168	416984	40.287	ng		98
55) 4-Nitrophenol	9.99	139	44884	36.926	ng	#	80
56) 2,4-Dinitrotoluene	10.05	165	94196	39.617	ng		94
57) Fluorene	10.39	166	341649	39.867	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	68151	39.535	ng	#	93
59) Diethylphthalate	10.26	149	362682	39.545	ng		95
60) 4-Chlorophenyl-phenylether	10.38	204	158779	39.368	ng		90
61) 4-Nitroaniline	10.43	138	91130	41.059	ng		87
62) Azobenzene	10.54	77	297935	38.753	ng		91
64) 4,6-Dinitro-2-methylphenol	10.47	198	10155	7.845	ng	#	72
65) n-Nitrosodiphenylamine	10.50	169	318144	41.853	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	89038	41.072	ng		93
67) Hexachlorobenzene	10.94	284	89501	40.355	ng	#	86
68) Atrazine	11.03	200	92489	40.506	ng		100
69) Pentachlorophenol	11.14	266	35706	37.677	ng		97
70) Phenanthrene	11.36	178	474359	40.819	ng		99
71) Anthracene	11.41	178	483853	41.018	ng		99
72) Carbazole	11.57	167	453444	40.877	ng		98
73) Di-n-butylphthalate	11.89	149	579545	40.961	ng		98
74) Fluoranthene	12.55	202	484511	40.119	ng		98
76) Benzidine	12.67	184	274246	39.073	ng		98
77) Pyrene	12.78	202	494668	40.556	ng		99
79) Butylbenzylphthalate	13.39	149	240979	40.122	ng		93
80) Benzo(a)anthracene	13.97	228	406058	39.933	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	155978	42.257	ng		98
82) Chrysene	14.02	228	370391	38.745	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	338694	40.155	ng		98
84) Di-n-octyl phthalate	14.56	149	576355	39.812	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	298036	33.960	ng		97
87) Benzo(b)fluoranthene	15.03	252	377435	41.487	ng		98
88) Benzo(k)fluoranthene	15.06	252	351510	40.975	ng		98
89) Benzo(a)pyrene	15.40	252	332831	40.727	ng		98
90) Dibenzo(a,h)anthracene	16.94	278	262815	36.193	ng		98
91) Benzo(g,h,i)perylene	17.39	276	233238	32.830	ng		94

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

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