Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072517\
Data File : BF097022.D
Acq On : 25 Jul 2017 12:04
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
Sohil
7/26/2017 5:54:15 PM

Quant Time: Jul 25 13:34:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 13:17:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	130047	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	512544	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	231317	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	364693	20.00	ng		0.00
75) Chrysene-d12	13.63	240	216977	20.00	ng		0.00
86) Perylene-d12	14.97	264	219843	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	947597	109.56	ng		0.00
7) Phenol-d6	6.17	99	1037518	99.96	ng		0.00
23) Nitrobenzene-d5	7.08	82	1023117	123.64	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	197209	99.88	ng		0.00
44) 2-Fluorobiphenyl	8.87	172	1427522	97.50	ng		0.00
78) Terphenyl-d14	12.59	244	1212938	96.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.04	88	224780	50.507	ng	#	76
3) Pyridine	2.66	79	687540	73.510	ng	#	66
4) n-Nitrosodimethylamine	2.63	42	361966	69.203	ng		85
6) Aniline	6.17	93	664934	52.009	ng	#	74
8) 2-Chlorophenol	6.29	128	503901	54.004	ng		92
9) Benzaldehyde	6.05	77	274397	45.740	ng		99
10) Phenol	6.19	94	632355	53.894	ng		97
11) bis(2-Chloroethyl)ether	6.25	93	520012	58.936	ng		89
12) 1,3-Dichlorobenzene	6.44	146	552834	55.739	ng		97
13) 1,4-Dichlorobenzene	6.52	146	551836	54.940	ng		95
14) 1,2-Dichlorobenzene	6.67	146	460877	50.447	ng		100
15) Benzyl Alcohol	6.66	79	333200	49.034	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	1020846	56.062	ng		91
17) 2-Methylphenol	6.79	107	398322	54.897	ng	#	88
18) Hexachloroethane	7.01	117	207899	58.372	ng	#	79
19) n-Nitroso-di-n-propylamine	6.94	70	347983	55.650	ng	#	82
20) 3+4-Methylphenols	6.95	107	492742	55.963	ng	#	64
22) Acetophenone	6.93	105	725250	63.310	ng		98
24) Nitrobenzene	7.10	77	529417	61.862	ng		93
25) Isophorone	7.35	82	1024381	66.547	ng		97
26) 2-Nitrophenol	7.41	139	301702	63.402	ng	#	87
27) 2,4-Dimethylphenol	7.47	122	452514	57.803	ng		98
28) bis(2-Chloroethoxy)methane	7.56	93	613451	58.976	ng		100
29) 2,4-Dichlorophenol	7.66	162	389823	55.011	ng		97
30) 1,2,4-Trichlorobenzene	7.73	180	378767	56.217	ng		98
31) Naphthalene	7.81	128	1344257	55.364	ng		99
32) Benzoic acid	7.65	122	374296	74.806	ng		96
33) 4-Chloroaniline	7.87	127	552218	57.404	ng		98
34) Hexachlorobutadiene	7.93	225	198726	55.251	ng		97
35) Caprolactam	8.27	113	130378m	57.421	ng		
36) 4-Chloro-3-methylphenol	8.37	107	425800	55.883	ng		91
37) 2-Methylnaphthalene	8.50	142	842635	54.436	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	330639	52.877	ng		99
40) Hexachlorocyclopentadiene	8.66	237	121358	58.396	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	243554	52.804	ng		98
43) 2,4,5-Trichlorophenol	8.83	196	235480	50.621	ng		98
45) 1,1'-Biphenyl	8.97	154	1026070	51.721	ng		98
46) 2-Chloronaphthalene	8.99	162	784316	53.690	ng	#	92
47) 2-Nitroaniline	9.09	65	301120	59.967	ng		94
48) Acenaphthylene	9.40	152	1181412	50.757	ng		99
49) Dimethylphthalate	9.28	163	969103	55.640	ng		99
50) 2,6-Dinitrotoluene	9.34	165	210314	55.748	ng	#	90
51) Acenaphthene	9.57	154	723292	52.603	ng		99
52) 3-Nitroaniline	9.50	138	271397	60.726	ng		96
53) 2,4-Dinitrophenol	9.62	184	111799	70.447	ng	#	74
54) Dibenzofuran	9.74	168	912172	47.341	ng		97
55) 4-Nitrophenol	9.69	139	165170	50.587	ng	#	63
56) 2,4-Dinitrotoluene	9.74	165	226991	46.823	ng	#	48
57) Fluorene	10.08	166	695495	48.846	ng		97
58) 2,3,4,6-Tetrachlorophenol	9.86	232	181650	56.305	ng		98
59) Diethylphthalate	9.97	149	894096	52.731	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	285934	47.763	ng		99
61) 4-Nitroaniline	10.12	138	252790	60.234	ng		91
62) Azobenzene	10.23	77	836719	55.937	ng		93
64) 4,6-Dinitro-2-methylphenol	10.15	198	149685	65.372	ng		90
65) n-Nitrosodiphenylamine	10.20	169	711333	54.565	ng		98
66) 4-Bromophenyl-phenylether	10.56	248	202347	54.345	ng		97
67) Hexachlorobenzene	10.63	284	226808	54.692	ng	#	86
68) Atrazine	10.73	200	199746	53.781	ng		95
69) Pentachlorophenol	10.83	266	103443	51.635	ng		97
70) Phenanthrene	11.03	178	1061149	53.513	ng		99
71) Anthracene	11.09	178	1080217	53.878	ng		99
72) Carbazole	11.25	167	1049186	54.039	ng		99
73) Di-n-butylphthalate	11.59	149	1337105	55.298	ng		99
74) Fluoranthene	12.21	202	1054832	55.575	ng		97
76) Benzidine	12.33	184	425948	59.923	ng		99
77) Pyrene	12.44	202	1117228	56.736	ng		99
79) Butylbenzylphthalate	13.07	149	549049	58.683	ng	#	78
80) Benzo(a)anthracene	13.62	228	855048	63.246	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	313168	64.417	ng	#	96
82) Chrysene	13.66	228	821298	61.709	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	733435	64.370	ng		97
84) Di-n-octyl phthalate	14.24	149	1264172	67.120	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.20	276	692528	57.332	ng		97
87) Benzo(b)fluoranthene	14.62	252	722582	54.497	ng		97
88) Benzo(k)fluoranthene	14.64	252	719592	57.313	ng		97
89) Benzo(a)pyrene	14.93	252	678230	55.771	ng		98
90) Dibenzo(a,h)anthracene	16.22	278	550885	49.231	ng		98
91) Benzo(g,h,i)perylene	16.57	276	605837	50.560	ng		98

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

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