Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097852.D
Acq On : 19 Aug 2017 00:22
Operator : SJ/JU
Sample : I4646-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-L10-ESWMSD

Manual Integrations APPROVED
mohammad
8/21/2017 8:19:28 AM

Quant Time: Aug 19 21:57:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	110433	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	448229	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	200046	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	388845	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	299378	20.00	ng		-0.01
86) Perylene-d12	15.36	264	270320	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	637454	87.80	ng		-0.01
7) Phenol-d6	6.40	99	866785	87.87	ng		0.00
23) Nitrobenzene-d5	7.33	82	541029	65.57	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	162946	93.88	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	796794	58.52	ng		-0.01
78) Terphenyl-d14	12.87	244	717176	49.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	97976	24.198	ng		91
3) Pyridine	3.19	79	266497	23.809	ng		87
4) n-Nitrosodimethylamine	3.13	42	122187	28.370	ng		91
6) Aniline	6.46	93	170184	12.281	ng		98
8) 2-Chlorophenol	6.56	128	232268	30.335	ng		98
9) Benzaldehyde	6.32	77	126205	20.199	ng		87
10) Phenol	6.42	94	362628	31.432	ng		93
11) bis(2-Chloroethyl)ether	6.51	93	269309	30.927	ng		96
12) 1,3-Dichlorobenzene	6.71	146	216699	26.312	ng	#	90
13) 1,4-Dichlorobenzene	6.79	146	220907	26.373	ng	#	93
14) 1,2-Dichlorobenzene	6.94	146	209838	27.169	ng		98
15) Benzyl Alcohol	6.91	79	246818	33.419	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.05	45	333830	28.494	ng		92
17) 2-Methylphenol	7.03	107	209253	31.013	ng		96
18) Hexachloroethane	7.29	117	88858	27.058	ng	#	82
19) n-Nitroso-di-n-propylamine	7.19	70	189241	28.024	ng		90
20) 3+4-Methylphenols	7.18	107	257532	31.249	ng	#	86
22) Acetophenone	7.18	105	342289	28.907	ng	#	92
24) Nitrobenzene	7.35	77	303181	33.001	ng		90
25) Isophorone	7.59	82	526674	30.698	ng		95
26) 2-Nitrophenol	7.67	139	112942	35.474	ng	#	71
27) 2,4-Dimethylphenol	7.71	122	208615	29.155	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	329010	29.169	ng		99
29) 2,4-Dichlorophenol	7.91	162	183438	30.884	ng		92
30) 1,2,4-Trichlorobenzene	8.00	180	182056	27.650	ng		99
31) Naphthalene	8.07	128	656828	28.227	ng		100
32) Benzoic acid	7.79	122	43376	13.614	ng		91
33) 4-Chloroaniline	8.13	127	187514	19.107	ng		99
34) Hexachlorobutadiene	8.20	225	102441	26.647	ng		99
35) Caprolactam	8.48	113	65604m	32.490	ng		
36) 4-Chloro-3-methylphenol	8.61	107	228465	29.938	ng	#	82
37) 2-Methylnaphthalene	8.77	142	431168	30.222	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	174362	28.401	ng	#	97
40) Hexachlorocyclopentadiene	8.92	237	151292	51.296	ng		98

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42) 2,4,6-Trichlorophenol	9.05	196	125320	30.404	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	134203	32.819	ng		94
45) 1,1'-Biphenyl	9.23	154	512014	28.067	ng		96
46) 2-Chloronaphthalene	9.26	162	378373	28.072	ng		93
47) 2-Nitroaniline	9.35	65	156639	34.665	ng		95
48) Acenaphthylene	9.67	152	612553	28.940	ng		100
49) Dimethylphthalate	9.53	163	558859	38.218	ng		100
50) 2,6-Dinitrotoluene	9.59	165	98108	33.612	ng	#	52
51) Acenaphthene	9.85	154	412112	30.871	ng		99
52) 3-Nitroaniline	9.76	138	88827	23.587	ng		84
53) 2,4-Dinitrophenol	9.86	184	68051	52.941	ng	#	75
54) Dibenzofuran	10.02	168	562080	31.416	ng		100
55) 4-Nitrophenol	9.92	139	188052	62.599	ng	#	34
56) 2,4-Dinitrotoluene	9.99	165	132682	36.222	ng	#	44
57) Fluorene	10.36	166	418548	30.258	ng		95
58) 2,3,4,6-Tetrachlorophenol	10.13	232	114295	36.102	ng		93
59) Diethylphthalate	10.23	149	464943	30.405	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	190355	29.622	ng	#	87
61) 4-Nitroaniline	10.37	138	104594	29.223	ng	#	65
62) Azobenzene	10.51	77	580240	31.944	ng		93
64) 4,6-Dinitro-2-methylphenol	10.40	198	53187	32.316	ng		90
65) n-Nitrosodiphenylamine	10.47	169	382762	28.907	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	117901	29.199	ng		99
67) Hexachlorobenzene	10.90	284	113877	27.669	ng	#	90
68) Atrazine	11.00	200	115432	32.872	ng		99
69) Pentachlorophenol	11.10	266	137171	57.162	ng		98
70) Phenanthrene	11.32	178	652280	31.480	ng		100
71) Anthracene	11.37	178	642146	30.555	ng		99
72) Carbazole	11.52	167	613791	30.768	ng		99
73) Di-n-butylphthalate	11.86	149	748503	32.575	ng		99
74) Fluoranthene	12.50	202	694230	32.100	ng		98
76) Benzidine	12.62	184	60144m	6.127	ng		
77) Pyrene	12.73	202	705928	28.830	ng		99
79) Butylbenzylphthalate	13.36	149	317285	33.797	ng	#	74
80) Benzo(a)anthracene	13.92	228	504304	28.106	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	149353	24.667	ng	#	96
82) Chrysene	13.95	228	514554	28.828	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	390549	37.543	ng		98
84) Di-n-octyl phthalate	14.53	149	727468	40.191	ng		100
85) Indeno(1,2,3-cd)pyrene	16.75	276	503848	38.373	ng		93
87) Benzo(b)fluoranthene	14.94	252	472030	27.703	ng		98
88) Benzo(k)fluoranthene	14.97	252	455281	28.440	ng	#	93
89) Benzo(a)pyrene	15.29	252	445843	29.557	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	411682	33.524	ng		98
91) Benzo(g,h,i)perylene	17.17	276	427003	33.324	ng		93

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

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