Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
Data File : BF097359.D
Acq On : 4 Aug 2017 16:48
Operator : SJ/JU
Sample : I4542-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 23:23:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : A4129MSD

Manual Integrations APPROVED
Sohil
8/7/2017 6:09:33 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	89865	20.00	ng		-0.06
21) Naphthalene-d8	7.72	136	397583	20.00	ng		-0.06
38) Acenaphthene-d10	9.46	164	190228	20.00	ng		-0.07
63) Phenanthrene-d10	10.93	188	299648	20.00	ng		-0.07
75) Chrysene-d12	13.56	240	200590	20.00	ng		-0.07
86) Perylene-d12	14.89	264	55836	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	703769	118.06	ng		-0.04
7) Phenol-d6	6.12	99	806086	118.45	ng		-0.05
23) Nitrobenzene-d5	7.02	82	518629	76.52	ng		-0.06
41) 2,4,6-Tribromophenol	10.25	330	178486	118.75	ng		-0.07
44) 2-Fluorobiphenyl	8.80	172	866303	77.29	ng		-0.07
78) Terphenyl-d14	12.52	244	783574	79.64	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	95009	38.192	ng	#	63
3) Pyridine	2.70	79	143287m	18.810	ng		
4) n-Nitrosodimethylamine	2.62	42	157693	37.367	ng		80
6) Aniline	6.12	93	67400	7.870	ng	#	1
8) 2-Chlorophenol	6.23	128	248464	38.979	ng		94
9) Benzaldehyde	5.99	77	125520	31.160	ng		97
10) Phenol	6.13	94	271925	33.686	ng		94
11) bis(2-Chloroethyl)ether	6.19	93	265886	41.646	ng		92
12) 1,3-Dichlorobenzene	6.38	146	239777	34.906	ng		98
13) 1,4-Dichlorobenzene	6.46	146	259449	38.112	ng		95
14) 1,2-Dichlorobenzene	6.61	146	234209	39.403	ng		97
15) Benzyl Alcohol	6.61	79	129753	30.114	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.73	45	506723	39.571	ng		95
17) 2-Methylphenol	6.74	107	201159	40.890	ng	#	91
18) Hexachloroethane	6.95	117	94199	37.823	ng	#	83
19) n-Nitroso-di-n-propylamine	6.87	70	189205	42.237	ng	#	80
20) 3+4-Methylphenols	6.89	107	282278	43.932	ng	#	60
22) Acetophenone	6.86	105	369632	38.714	ng		97
24) Nitrobenzene	7.03	77	261136	36.996	ng		91
25) Isophorone	7.27	82	535109	40.317	ng		97
26) 2-Nitrophenol	7.35	139	157687	41.293	ng	#	88
27) 2,4-Dimethylphenol	7.41	122	245867	39.031	ng		97
28) bis(2-Chloroethoxy)methane	7.49	93	261852	30.232	ng		98
29) 2,4-Dichlorophenol	7.60	162	225526	41.558	ng		95
30) 1,2,4-Trichlorobenzene	7.67	180	189303	36.597	ng		98
31) Naphthalene	7.75	128	715785	38.192	ng		99
32) Benzoic acid	7.58	122	168057	35.728	ng		94
34) Hexachlorobutadiene	7.86	225	98491	35.916	ng		97
35) Caprolactam	8.19	113	70907m	40.748	ng		
36) 4-Chloro-3-methylphenol	8.32	107	229217	38.716	ng		87
37) 2-Methylnaphthalene	8.43	142	511705	43.123	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	175915	34.658	ng		99
40) Hexachlorocyclopentadiene	8.59	237	99725	58.147	ng		95
42) 2,4,6-Trichlorophenol	8.73	196	134419	36.544	ng		98

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43) 2,4,5-Trichlorophenol	8.77	196	131930	35.835	ng		98
45) 1,1'-Biphenyl	8.90	154	588207	36.202	ng		98
46) 2-Chloronaphthalene	8.92	162	441994	36.966	ng	#	94
47) 2-Nitroaniline	9.03	65	152175	35.069	ng		94
48) Acenaphthylene	9.33	152	628553	34.249	ng		99
49) Dimethylphthalate	9.20	163	567971	39.318	ng		100
50) 2,6-Dinitrotoluene	9.27	165	118596	38.709	ng	#	72
51) Acenaphthene	9.50	154	434173	40.163	ng		98
52) 3-Nitroaniline	9.44	138	31571	8.302	ng		89
53) 2,4-Dinitrophenol	9.56	184	129379	92.874	ng	#	74
54) Dibenzofuran	9.67	168	613690	42.620	ng		96
55) 4-Nitrophenol	9.64	139	112396	49.699	ng	#	69
56) 2,4-Dinitrotoluene	9.68	165	157135	44.614	ng	#	80
57) Fluorene	10.01	166	454036	41.953	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	109075	42.908	ng	#	97
59) Diethylphthalate	9.90	149	542962	40.969	ng		99
60) 4-Chlorophenyl-phenylether	10.00	204	183769	41.121	ng		99
61) 4-Nitroaniline	10.05	138	56766	15.709	ng		92
62) Azobenzene	10.16	77	489485	39.813	ng		92
64) 4,6-Dinitro-2-methylphenol	10.09	198	86886	46.663	ng		91
65) n-Nitrosodiphenylamine	10.13	169	162166	15.554	ng		97
66) 4-Bromophenyl-phenylether	10.49	248	127203	42.537	ng		95
67) Hexachlorobenzene	10.56	284	130101	38.797	ng	#	85
69) Pentachlorophenol	10.76	266	101767	73.346	ng		98
70) Phenanthrene	10.96	178	717109	44.665	ng		98
71) Anthracene	11.01	178	704350	42.833	ng		99
72) Carbazole	11.17	167	191832	11.862	ng		95
73) Di-n-butylphthalate	11.51	149	907952	45.418	ng		99
74) Fluoranthene	12.14	202	671492	42.692	ng		98
77) Pyrene	12.36	202	687012	41.836	ng		99
79) Butylbenzylphthalate	12.99	149	339780	40.676	ng	#	78
80) Benzo(a)anthracene	13.54	228	524556	40.416	ng		99
82) Chrysene	13.58	228	545340	43.030	ng		100
83) Bis(2-ethylhexyl)phthalate	13.56	149	455571	41.771	ng		98
84) Di-n-octyl phthalate	14.16	149	782922	39.117	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.09	276	299705	27.579	ng		96
87) Benzo(b)fluoranthene	14.54	252	479744	142.933	ng		98
88) Benzo(k)fluoranthene	14.57	252	361708	113.091	ng	#	95
89) Benzo(a)pyrene	14.84	252	319667	104.062	ng		97
90) Dibenzo(a,h)anthracene	16.09	278	316528	125.652	ng		95
91) Benzo(g,h,i)perylene	16.44	276	277327	104.981	ng		98

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

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