Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100805.D
Acq On : 22 Nov 2017 3:19
Operator : SJ/JU
Sample : I6466-08MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHAP-2-E(4-5)MS

Manual Integrations APPROVED
Sohil
11/22/2017 5:04:49 PM

Quant Time: Nov 22 07:33:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	82796	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	324505	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	145058	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	229192	20.00	ng		0.00
75) Chrysene-d12	14.04	240	159917	20.00	ng		0.00
86) Perylene-d12	15.52	264	144515	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	549434	106.37	ng		0.00
7) Phenol-d6	6.51	99	680474	106.84	ng		0.00
23) Nitrobenzene-d5	7.44	82	421814	85.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	159468	107.88	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	779834	81.86	ng		0.00
78) Terphenyl-d14	12.98	244	510180	73.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	63343	25.165	ng		94
3) Pyridine	3.48	79	173051	25.199	ng		91
4) n-Nitrosodimethylamine	3.43	42	95342	28.595	ng		99
6) Aniline	6.54	93	173223	19.251	ng		100
8) 2-Chlorophenol	6.66	128	203449	37.233	ng		96
9) Benzaldehyde	6.43	77	76729	16.869	ng		91
10) Phenol	6.52	94	275651	41.226	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	187010	33.298	ng		96
12) 1,3-Dichlorobenzene	6.82	146	225517	35.798	ng		97
13) 1,4-Dichlorobenzene	6.89	146	227774	35.723	ng		96
14) 1,2-Dichlorobenzene	7.05	146	214185	36.331	ng		98
15) Benzyl Alcohol	7.02	79	173117	34.826	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	317792	35.379	ng		99
17) 2-Methylphenol	7.13	107	174141	37.293	ng		96
18) Hexachloroethane	7.39	117	62853	29.897	ng		92
19) n-Nitroso-di-n-propylamine	7.29	70	137874	31.214	ng		95
20) 3+4-Methylphenols	7.28	107	211854	35.853	ng	#	73
22) Acetophenone	7.29	105	274495	34.689	ng	#	98
24) Nitrobenzene	7.46	77	203176	40.218	ng		96
25) Isophorone	7.69	82	376440	36.496	ng		100
26) 2-Nitrophenol	7.77	139	102385	43.761	ng		89
27) 2,4-Dimethylphenol	7.80	122	184530	39.909	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	240255	35.610	ng		99
29) 2,4-Dichlorophenol	8.02	162	180969	40.999	ng		94
30) 1,2,4-Trichlorobenzene	8.10	180	185788	38.911	ng		96
31) Naphthalene	8.18	128	590329	37.769	ng		100
32) Benzoic acid	7.86	122	4473m	10.387	ng		
33) 4-Chloroaniline	8.22	127	119983	18.442	ng		98
34) Hexachlorobutadiene	8.29	225	104763	36.903	ng		99
35) Caprolactam	8.59	113	53149m	35.086	ng		
36) 4-Chloro-3-methylphenol	8.71	107	179130	37.786	ng		95
37) 2-Methylnaphthalene	8.87	142	401605	38.703	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	185513	38.561	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	17685	7.811	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	127044	41.667	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	131974	41.777	ng	#	90
45) 1,1'-Biphenyl	9.33	154	473284	37.724	ng		99
46) 2-Chloronaphthalene	9.36	162	366395	40.256	ng		95
47) 2-Nitroaniline	9.46	65	110748	41.575	ng		98
48) Acenaphthylene	9.77	152	554481	36.760	ng		100
49) Dimethylphthalate	9.63	163	462382	41.749	ng		99
50) 2,6-Dinitrotoluene	9.70	165	92836	42.346	ng	#	86
51) Acenaphthene	9.95	154	321572	35.054	ng		99
52) 3-Nitroaniline	9.86	138	83085	32.094	ng		96
53) 2,4-Dinitrophenol	9.97	184	4115	13.548	ng	#	9
54) Dibenzofuran	10.12	168	480195	37.348	ng		99
55) 4-Nitrophenol	10.03	139	126986	60.410	ng		91
56) 2,4-Dinitrotoluene	10.10	165	114944	41.561	ng	#	83
57) Fluorene	10.46	166	368197	39.091	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	97137	37.518	ng	#	83
59) Diethylphthalate	10.33	149	410503	37.038	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	182633	39.526	ng		91
61) 4-Nitroaniline	10.48	138	87936	35.823	ng		86
62) Azobenzene	10.61	77	388745	37.240	ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	8725	14.763	ng	#	74
65) n-Nitrosodiphenylamine	10.57	169	352057	44.177	ng		96
66) 4-Bromophenyl-phenylether	10.94	248	110168	44.840	ng	#	89
67) Hexachlorobenzene	11.01	284	108036	42.043	ng	#	85
68) Atrazine	11.09	200	101512	42.081	ng		98
69) Pentachlorophenol	11.20	266	93785	50.899	ng		99
70) Phenanthrene	11.43	178	525404	43.540	ng		99
71) Anthracene	11.47	178	494746	40.411	ng		99
72) Carbazole	11.63	167	409523	36.252	ng		99
73) Di-n-butylphthalate	11.95	149	558611	42.256	ng		99
74) Fluoranthene	12.62	202	535489	41.871	ng		96
76) Benzidine	12.73	184	157012	24.517	ng		98
77) Pyrene	12.84	202	632304	55.468	ng		98
79) Butylbenzylphthalate	13.45	149	168247	36.191	ng		91
80) Benzo(a)anthracene	14.03	228	536609	55.722	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	122434	35.484	ng	#	94
82) Chrysene	14.07	228	510824	54.777	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	232250	37.984	ng		99
84) Di-n-octyl phthalate	14.62	149	399684	38.050	ng	#	99
85) Indeno(1,2,3-cd)pyrene	17.00	276	272622	36.143	ng	#	93
87) Benzo(b)fluoranthene	15.09	252	440624	51.464	ng		98
88) Benzo(k)fluoranthene	15.12	252	354051m	43.766	ng		
89) Benzo(a)pyrene	15.46	252	390365	51.430	ng		97
90) Dibenzo(a,h)anthracene	17.02	278	217253	34.999	ng		96
91) Benzo(g,h,i)perylene	17.45	276	220439	36.278	ng	#	94

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

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