Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094460.D
Acq On : 17 Apr 2017 20:13
Operator : SJ/MA
Sample : I2708-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-Z10-BASEMSD

Manual Integrations APPROVED
mohammad
4/18/2017 4:55:36 PM

Quant Time: Apr 18 02:44:29 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	149339	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	612958	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	273809	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	487354	20.00	ng		0.00
75) Chrysene-d12	14.47	240	382536	20.00	ng		0.00
86) Perylene-d12	16.08	264	258959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	809870	89.97	ng		0.00
7) Phenol-d6	5.39	99	1099689	103.63	ng		0.00
23) Nitrobenzene-d5	6.42	82	768683	77.44	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	159864	74.64	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1383203	74.33	ng		0.00
78) Terphenyl-d14	13.20	244	1078142	75.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	128609	24.57	ng		97
3) Pyridine	2.62	79	378239	33.06	ng		98
4) n-Nitrosodimethylamine	2.58	42	170508	36.02	ng		92
6) Aniline	5.38	93	240898	17.08	ng	#	86
8) 2-Chlorophenol	5.53	128	355210	34.68	ng		99
9) Benzaldehyde	5.25	77	81258	10.07	ng		99
10) Phenol	5.40	94	437648	33.57	ng		90
11) bis(2-Chloroethyl)ether	5.47	93	353513	37.12	ng		99
12) 1,3-Dichlorobenzene	5.69	146	391739	34.52	ng		99
13) 1,4-Dichlorobenzene	5.78	146	397398	34.81	ng		97
14) 1,2-Dichlorobenzene	5.95	146	374549	35.61	ng		97
15) Benzyl Alcohol	5.93	79	297631	37.81	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	468810	37.55	ng		49
17) 2-Methylphenol	6.09	107	252053	31.24	ng	#	91
18) Hexachloroethane	6.35	117	135358	34.58	ng	#	85
19) n-Nitroso-di-n-propylamine	6.25	70	272255	38.72	ng		95
20) 3+4-Methylphenols	6.27	107	381684	34.82	ng	#	63
22) Acetophenone	6.23	105	538930	36.16	ng	#	86
24) Nitrobenzene	6.43	77	373249	35.71	ng		94
25) Isophorone	6.72	82	690628	37.53	ng		97
26) 2-Nitrophenol	6.81	139	209192	37.25	ng		97
27) 2,4-Dimethylphenol	6.89	122	245707	26.93	ng		97
28) bis(2-Chloroethoxy)methane	6.99	93	450911	37.88	ng		98
29) 2,4-Dichlorophenol	7.12	162	311358	36.69	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	317089	36.14	ng		99
31) Naphthalene	7.29	128	1063474	36.09	ng		100
32) Benzoic acid	7.01	122	32964	6.83	ng		92
33) 4-Chloroaniline	7.36	127	320147	26.12	ng	#	92
34) Hexachlorobutadiene	7.45	225	154324	35.28	ng		97
35) Caprolactam	7.80	113	101600m	38.11	ng		
36) 4-Chloro-3-methylphenol	7.99	107	330738	37.19	ng		92
37) 2-Methylnaphthalene	8.13	142	720552	35.74	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	275870	35.38	ng		99
40) Hexachlorocyclopentadiene	8.33	237	227279	72.06	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	196226	35.84	ng		99
43) 2,4,5-Trichlorophenol	8.55	196	207153	36.84	ng		94
45) 1,1'-Biphenyl	8.70	154	813828	36.38	ng		98
46) 2-Chloronaphthalene	8.72	162	648145	36.44	ng		95
47) 2-Nitroaniline	8.86	65	195567	38.22	ng	#	79
48) Acenaphthylene	9.23	152	975175	35.17	ng		100
49) Dimethylphthalate	9.10	163	1229617	60.26	ng		99
50) 2,6-Dinitrotoluene	9.16	165	171520	37.45	ng	#	87
51) Acenaphthene	9.44	154	597987	36.00	ng		99
52) 3-Nitroaniline	9.36	138	165754	31.28	ng		90
53) 2,4-Dinitrophenol	9.50	184	71868	32.59	ng	#	70
54) Dibenzofuran	9.65	168	866622	35.90	ng		99
55) 4-Nitrophenol	9.63	139	234214	62.56	ng		84
56) 2,4-Dinitrotoluene	9.66	165	214292	38.13	ng	#	73
57) Fluorene	10.07	166	680014	36.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.82	232	136854	33.96	ng		98
59) Diethylphthalate	9.96	149	733322	38.09	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	297799	38.07	ng		93
61) 4-Nitroaniline	10.12	138	176645	32.79	ng		92
62) Azobenzene	10.27	77	707213	37.83	ng		97
64) 4,6-Dinitro-2-methylphenol	10.16	198	86649	27.14	ng	#	77
65) n-Nitrosodiphenylamine	10.23	169	573993	33.86	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	177342	36.65	ng		97
67) Hexachlorobenzene	10.75	284	176449	36.18	ng	#	88
68) Atrazine	10.91	200	186495	36.78	ng		98
69) Pentachlorophenol	11.00	266	118208	61.04	ng		96
70) Phenanthrene	11.25	178	933629	34.02	ng		99
71) Anthracene	11.31	178	980858	34.55	ng		99
72) Carbazole	11.52	167	925545	34.74	ng		96
73) Di-n-butylphthalate	11.97	149	1089851	37.15	ng		99
74) Fluoranthene	12.71	202	938357	32.99	ng		100
76) Benzidine	12.88	184	81982	5.29	ng	#	93
77) Pyrene	12.98	202	935835	35.02	ng		99
79) Butylbenzylphthalate	13.80	149	465863	39.77	ng	#	85
80) Benzo(a)anthracene	14.46	228	725536	32.63	ng		99
81) 3,3'-Dichlorobenzidine	14.43	252	157075	19.96	ng	#	97
82) Chrysene	14.50	228	659377	32.45	ng		100
83) Bis(2-ethylhexyl)phthalate	14.52	149	631585	40.16	ng		99
84) Di-n-octyl phthalate	15.27	149	998554	37.85	ng		98
85) Indeno(1,2,3-cd)pyrene	17.35	276	395968	20.48	ng		99
87) Benzo(b)fluoranthene	15.69	252	513705	32.43	ng		98
88) Benzo(k)fluoranthene	15.72	252	497495	33.19	ng	#	94
89) Benzo(a)pyrene	16.03	252	416735	28.28	ng		99
90) Dibenzo(a,h)anthracene	17.37	278	353122	28.86	ng		99
91) Benzo(g,h,i)perylene	17.72	276	313546	25.17	ng		99

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

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