Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
Data File : BF081749.D
Acq On : 22 Sep 2015 20:39
Operator : UM/IZ
Sample : G3753-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MSD

Manual Integrations APPROVED

Quant Time: Sep 23 05:14:14 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 01:06:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.14	152	37446	20.00	ng		0.00	
21) Naphthalene-d8	11.04	136	142455	20.00	ng		0.00	
38) Acenaphthene-d10	15.17	164	62203	20.00	ng		0.00	
63) Phenanthrene-d10	18.67	188	104593	20.00	ng		-0.01	
75) Chrysene-d12	23.33	240	70340	20.00	ng		0.00	
86) Perylene-d12	24.77	264	65524	20.00	ng		0.00	MMDadoda
System Monitoring Compounds								
5) 2-Fluorophenol	5.32	112	316328	131.07	ng		0.03	
7) Phenol-d6	7.60	99	432486	135.38	ng		0.02	
23) Nitrobenzene-d5	9.45	82	292150	98.95	ng		0.00	9/23/2015 4:33:57 PM
41) 2,4,6-Tribromophenol	17.08	330	74987	135.39	ng		0.00	
44) 2-Fluorobiphenyl	13.68	172	501547	103.33	ng		-0.01	
78) Terphenyl-d14	22.05	244	277621	91.88	ng		0.00	
Target Compounds							Qvalue	
2) 1,4-Dioxane	1.58	88	37866m	34.93	ng			
3) Pyridine	2.15	79	10375	3.47	ng	#	63	
4) n-Nitrosodimethylamine	2.06	42	82669	49.79	ng	#	59	
6) Aniline	7.45	93	63080	13.98	ng	#	84	
8) 2-Chlorophenol	7.70	128	115311	43.36	ng	#	81	
9) Benzaldehyde	7.17	77	40595	20.28	ng	#	74	
10) Phenol	7.61	94	154019	41.57	ng	#	45	
11) bis(2-Chloroethyl)ether	7.68	93	133864	50.08	ng		85	
12) 1,3-Dichlorobenzene	7.99	146	118847	41.82	ng	#	89	
13) 1,4-Dichlorobenzene	8.17	146	119090	41.16	ng	#	89	
14) 1,2-Dichlorobenzene	8.49	146	114827	44.08	ng	#	90	
15) Benzyl Alcohol	8.60	79	116377	44.41	ng	#	68	
16) 2,2'-oxybis(1-Chloropropan	8.90	45	236466	46.15	ng		95	
17) 2-Methylphenol	8.96	107	90860	42.82	ng	#	80	
18) Hexachloroethane	9.22	117	46092	40.95	ng		89	
19) n-Nitroso-di-n-propylamine	9.22	70	94681	43.55	ng	#	91	
20) 3+4-Methylphenols	9.33	107	120188	42.01	ng		83	
22) Acetophenone	9.13	105	175781	45.18	ng	#	74	
24) Nitrobenzene	9.49	77	146608	47.81	ng	#	61	
25) Isophorone	10.08	82	244660	44.55	ng	#	83	
26) 2-Nitrophenol	10.22	139	57376	42.93	ng	#	23	
27) 2,4-Dimethylphenol	10.50	122	101628	44.03	ng	#	77	
28) bis(2-Chloroethoxy)methane	10.68	93	144657	45.60	ng	#	91	
29) 2,4-Dichlorophenol	10.86	162	89460	44.69	ng		90	
30) 1,2,4-Trichlorobenzene	10.95	180	98018	45.08	ng		97	
31) Naphthalene	11.09	128	336945	44.35	ng		98	
32) Benzoic acid	11.01	122	31524m	20.66	ng			
33) 4-Chloroaniline	11.36	127	47994	15.49	ng	#	82	
34) Hexachlorobutadiene	11.44	225	64242	48.55	ng		99	
35) Caprolactam	12.28	113	22223m	36.20	ng			
36) 4-Chloro-3-methylphenol	12.68	107	106355	47.47	ng	#	76	
37) 2-Methylnaphthalene	12.73	142	234965	47.53	ng	#	91	
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	96531	49.07	ng		98	
40) Hexachlorocyclopentadiene	13.12	237	43138	44.68	ng		96	

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9/23/2015 4:33:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	63008	46.41	ng		98
43) 2,4,5-Trichlorophenol	13.63	196	64205	46.36	ng	#	88
45) 1,1'-Biphenyl	13.89	154	270405	47.25	ng		97
46) 2-Chloronaphthalene	13.88	162	196206	47.48	ng	#	88
47) 2-Nitroaniline	14.23	65	79612	47.27	ng	#	58
48) Acenaphthylene	14.83	152	321124	43.80	ng		98
49) Dimethylphthalate	14.77	163	334993	69.32	ng	#	97
50) 2,6-Dinitrotoluene	14.87	165	46424	42.32	ng	#	38
51) Acenaphthene	15.25	154	186227	44.65	ng		90
52) 3-Nitroaniline	15.24	138	34255	27.43	ng	#	57
53) 2,4-Dinitrophenol	15.53	184	37281	67.71	ng	#	27
54) Dibenzofuran	15.67	168	290048	47.63	ng	#	83
55) 4-Nitrophenol	15.89	139	51228	65.30	ng	#	1
56) 2,4-Dinitrotoluene	15.82	165	60492	43.31	ng	#	43
57) Fluorene	16.48	166	219648	47.52	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.05	232	50916	48.15	ng		94
59) Diethylphthalate	16.46	149	247748	48.73	ng		95
60) 4-Chlorophenyl-phenylether	16.57	204	106333	49.36	ng	#	87
61) 4-Nitroaniline	16.70	138	35861	28.43	ng	#	19
62) Azobenzene	16.94	77	264377	46.78	ng		80
64) 4,6-Dinitro-2-methylphenol	16.79	198	24951	42.65	ng		85
65) n-Nitrosodiphenylamine	16.89	169	180402	47.40	ng		92
66) 4-Bromophenyl-phenylether	17.72	248	54408	51.45	ng		92
67) Hexachlorobenzene	17.76	284	53849	48.70	ng	#	83
68) Atrazine	18.31	200	54829	49.78	ng		80
69) Pentachlorophenol	18.32	266	32425	62.39	ng		97
70) Phenanthrene	18.73	178	356816	61.36	ng		97
71) Anthracene	18.85	178	265981	44.52	ng		99
72) Carbazole	19.33	167	228565	40.77	ng		95
73) Di-n-butylphthalate	20.38	149	315424	47.65	ng	#	97
74) Fluoranthene	21.36	202	324771	51.59	ng		89
77) Pyrene	21.72	202	303426	58.23	ng		98
79) Butylbenzylphthalate	22.75	149	101001	44.57	ng	#	70
80) Benzo(a)anthracene	23.32	228	225243	50.28	ng		97
81) 3,3'-Dichlorobenzidine	23.33	252	15196	10.06	ng	#	97
82) Chrysene	23.36	228	207743	51.74	ng		95
83) Bis(2-ethylhexyl)phthalate	23.44	149	134934	45.12	ng	#	90
84) Di-n-octyl phthalate	24.11	149	234248	47.57	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.81	276	197082	66.90	ng	#	83
87) Benzo(b)fluoranthene	24.44	252	266312m	56.93	ng		
88) Benzo(k)fluoranthene	24.46	252	163311m	42.07	ng		
89) Benzo(a)pyrene	24.72	252	192154	48.47	ng	#	87
90) Dibenzo(a,h)anthracene	25.82	278	157155	51.31	ng	#	76
91) Benzo(g,h,i)perylene	26.11	276	151095	51.68	ng	#	72

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

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