Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079434.D
Acq On : 22 May 2015 15:43
Operator : TP/IZ
Sample : G2255-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
KY024MW068-150512MSD

Manual Integrations APPROVED
apatel
5/27/2015 8:15:27 AM

Quant Time: May 22 23:34:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 22 22:53:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	64409	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	261776	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	128139	20.00	ng		0.00
63) Phenanthrene-d10	12.64	188	235982	20.00	ng		0.00
75) Chrysene-d12	15.94	240	226398	20.00	ng		-0.02
86) Perylene-d12	17.79	264	230422	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	11941m	3.19	ng		0.01
7) Phenol-d6	6.64	99	11146m	2.25	ng		0.01
23) Nitrobenzene-d5	7.75	82	34680	7.61	ng		0.00
41) 2,4,6-Tribromophenol	11.78	330	17527	12.64	ng		0.00
44) 2-Fluorobiphenyl	9.98	172	83150	9.04	ng		0.00
78) Terphenyl-d14	14.63	244	126427	13.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	7840m	4.82	ng		
8) 2-Chlorophenol	6.79	128	22936	5.40	ng		87
9) Benzaldehyde	6.50	77	25447m	7.64	ng		
11) bis(2-Chloroethyl)ether	6.74	93	32247	7.67	ng		88
12) 1,3-Dichlorobenzene	6.97	146	28895	6.06	ng	#	91
13) 1,4-Dichlorobenzene	7.07	146	29702	6.05	ng		98
14) 1,2-Dichlorobenzene	7.26	146	29584	6.47	ng		97
15) Benzyl Alcohol	7.26	79	15882m	4.33	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	45787	7.12	ng		94
17) 2-Methylphenol	7.39	107	8743	2.56	ng	#	92
18) Hexachloroethane	7.67	117	10150	6.00	ng		91
19) n-Nitroso-di-n-propylamine	7.58	70	26234	7.85	ng		98
20) 3+4-Methylphenols	7.60	107	13376	2.94	ng	#	48
22) Acetophenone	7.56	105	48844	8.26	ng	#	88
24) Nitrobenzene	7.77	77	35401	7.84	ng		91
25) Isophorone	8.07	82	75280	8.92	ng	#	88
26) 2-Nitrophenol	8.17	139	12351	6.61	ng		93
27) 2,4-Dimethylphenol	8.24	122	10973	2.93	ng		90
28) bis(2-Chloroethoxy)methane	8.35	93	44749	8.60	ng		98
29) 2,4-Dichlorophenol	8.47	162	22485	6.76	ng		98
30) 1,2,4-Trichlorobenzene	8.56	180	24418	6.69	ng		98
31) Naphthalene	8.65	128	105754	8.48	ng		97
32) Benzoic acid	8.34	122	3501	7.61	ng		88
33) 4-Chloroaniline	8.74	127	29347	5.56	ng	#	91
34) Hexachlorobutadiene	8.81	225	13443	6.39	ng		95
36) 4-Chloro-3-methylphenol	9.36	107	23473	6.72	ng		98
37) 2-Methylnaphthalene	9.52	142	68456	7.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	27473	7.61	ng		95
40) Hexachlorocyclopentadiene	9.70	237	24011	13.23	ng		94
42) 2,4,6-Trichlorophenol	9.87	196	17747	7.15	ng		97
43) 2,4,5-Trichlorophenol	9.92	196	20386	8.13	ng	#	89
45) 1,1'-Biphenyl	10.10	154	89989	8.83	ng		98
46) 2-Chloronaphthalene	10.11	162	71198	8.96	ng		96
47) 2-Nitroaniline	10.25	65	21720	9.43	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Acenaphthylene	10.63	152	127112	9.74	ng		97
49) Dimethylphthalate	10.49	163	104423	11.10	ng		97
50) 2,6-Dinitrotoluene	10.56	165	23981	12.92	ng	#	50
51) Acenaphthene	10.83	154	74590	9.59	ng		99
52) 3-Nitroaniline	10.77	138	18811	8.11	ng		91
53) 2,4-Dinitrophenol	10.91	184	7478	19.71	ng	#	65
54) Dibenzofuran	11.05	168	113464	10.10	ng		98
55) 4-Nitrophenol	11.04	139	6695m	3.65	ng		
56) 2,4-Dinitrotoluene	11.06	165	26337	10.73	ng	#	88
57) Fluorene	11.47	166	99133	10.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.21	232	19492	9.51	ng		99
59) Diethylphthalate	11.36	149	106982	11.48	ng		98
60) 4-Chlorophenyl-phenylether	11.49	204	43808	10.71	ng		94
61) 4-Nitroaniline	11.52	138	21197	9.14	ng		91
62) Azobenzene	11.68	77	97828	10.66	ng		97
64) 4,6-Dinitro-2-methylphenol	11.57	198	6875	10.63	ng	#	67
66) 4-Bromophenyl-phenylether	12.09	248	27782	11.29	ng		94
67) Hexachlorobenzene	12.15	284	31015	11.03	ng	#	85
68) Atrazine	12.31	200	22804	9.98	ng		99
69) Pentachlorophenol	12.41	266	28819	22.86	ng		99
70) Phenanthrene	12.66	178	156426	11.85	ng		100
71) Anthracene	12.73	178	153967	11.89	ng		99
72) Carbazole	12.94	167	143380	11.62	ng		99
73) Di-n-butylphthalate	13.39	149	191803	12.96	ng		100
74) Fluoranthene	14.14	202	165842	12.06	ng		96
77) Pyrene	14.41	202	175286	13.44	ng		99
79) Butylbenzylphthalate	15.26	149	75528	13.24	ng		98
80) Benzo(a)anthracene	15.93	228	158255	12.76	ng		99
81) 3,3'-Dichlorobenzidine	15.92	252	15925	3.61	ng	#	93
82) Chrysene	15.98	228	152594	12.80	ng		100
83) Bis(2-ethylhexyl)phthalate	16.01	149	113642	13.16	ng		99
84) Di-n-octyl phthalate	16.85	149	183947	12.09	ng		97
85) Indeno(1,2,3-cd)pyrene	19.17	276	178427	11.74	ng		99
87) Benzo(b)fluoranthene	17.31	252	151226	11.99	ng	#	96
88) Benzo(k)fluoranthene	17.35	252	159980m	13.10	ng		
89) Benzo(a)pyrene	17.73	252	146833	12.64	ng		97
90) Dibenzo(a,h)anthracene	19.19	278	146612	11.88	ng		97
91) Benzo(g,h,i)perylene	19.57	276	151955	12.28	ng		97

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

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