Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082815\
Data File : BF081253.D
Acq On : 27 Aug 2015 18:36
Operator : UM/IZ
Sample : G3441-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE FILL SOURCE 2AMSD

Manual Integrations APPROVED
MMDadoda
8/28/2015 2:22:56 PM

Quant Time: Aug 28 11:45:41 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 27 22:56:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	46319	20.00	ng		0.00
21) Naphthalene-d8	7.79	136	198307	20.00	ng		0.00
38) Acenaphthene-d10	9.54	164	93497	20.00	ng		0.00
63) Phenanthrene-d10	11.01	188	191729	20.00	ng		0.00
75) Chrysene-d12	13.62	240	141115	20.00	ng		0.00
86) Perylene-d12	14.94	264	111693	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	424913	137.98	ng		0.02
7) Phenol-d6	6.17	99	639194	159.08	ng		0.01
23) Nitrobenzene-d5	7.09	82	400462	92.25	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	117779	145.32	ng		0.00
44) 2-Fluorobiphenyl	8.88	172	664330	93.10	ng		0.00
78) Terphenyl-d14	12.58	244	540182	82.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	54215	37.36	ng		95
3) Pyridine	2.51	79	146327	35.73	ng	#	80
4) n-Nitrosodimethylamine	2.48	42	99986	43.84	ng	#	69
6) Aniline	6.17	93	180520m	30.90	ng		
8) 2-Chlorophenol	6.29	128	158813	47.11	ng		90
9) Benzaldehyde	6.05	77	34297	13.24	ng		88
10) Phenol	6.18	94	258288	54.43	ng	#	69
11) bis(2-Chloroethyl)ether	6.26	93	174461	47.91	ng		96
12) 1,3-Dichlorobenzene	6.45	146	161916	44.71	ng		96
13) 1,4-Dichlorobenzene	6.53	146	165433	46.13	ng		99
14) 1,2-Dichlorobenzene	6.67	146	141075	42.03	ng		99
15) Benzyl Alcohol	6.66	79	149865	46.10	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.81	45	346485	48.43	ng		97
17) 2-Methylphenol	6.79	107	137056	47.39	ng		97
18) Hexachloroethane	7.02	117	65232	45.02	ng		98
19) n-Nitroso-di-n-propylamine	6.95	70	143626	51.60	ng		86
20) 3+4-Methylphenols	6.95	107	181995	49.58	ng	#	45
22) Acetophenone	6.94	105	257781	49.51	ng	#	84
24) Nitrobenzene	7.10	77	177512	39.11	ng		94
25) Isophorone	7.35	82	375693	46.41	ng		97
26) 2-Nitrophenol	7.42	139	87896	46.56	ng	#	82
27) 2,4-Dimethylphenol	7.47	122	163828	49.06	ng		93
28) bis(2-Chloroethoxy)methane	7.57	93	221458	46.31	ng		99
29) 2,4-Dichlorophenol	7.67	162	133349	47.43	ng		98
30) 1,2,4-Trichlorobenzene	7.74	180	128020	40.97	ng		97
31) Naphthalene	7.82	128	510728	46.20	ng		99
32) Benzoic acid	7.60	122	51284	27.30	ng		92
33) 4-Chloroaniline	7.87	127	97144	20.83	ng	#	90
34) Hexachlorobutadiene	7.94	225	81496	46.12	ng		98
35) Caprolactam	8.26	113	54265m	55.23	ng		
36) 4-Chloro-3-methylphenol	8.38	107	173862	51.89	ng		97
37) 2-Methylnaphthalene	8.50	142	295801	42.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	133742	44.34	ng	#	98
40) Hexachlorocyclopentadiene	8.66	237	136086	87.16	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	91037	42.72	ng		99
43) 2,4,5-Trichlorophenol	8.83	196	97276	45.67	ng	#	87
45) 1,1'-Biphenyl	8.97	154	376866	45.76	ng		96
46) 2-Chloronaphthalene	8.99	162	303895	45.93	ng		99
47) 2-Nitroaniline	9.10	65	142108	52.49	ng		92
48) Acenaphthylene	9.39	152	488063	41.24	ng		98
49) Dimethylphthalate	9.29	163	439597	57.09	ng		100
50) 2,6-Dinitrotoluene	9.35	165	84965	51.39	ng	#	76
51) Acenaphthene	9.58	154	284180	40.11	ng		99
52) 3-Nitroaniline	9.51	138	67348	32.55	ng	#	76
53) 2,4-Dinitrophenol	9.61	184	61042	68.48	ng		92
54) Dibenzofuran	9.75	168	416521	43.87	ng		98
55) 4-Nitrophenol	9.69	139	134520	92.58	ng	#	78
56) 2,4-Dinitrotoluene	9.75	165	107418	49.02	ng	#	80
57) Fluorene	10.08	166	293920	40.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	77568	47.05	ng		93
59) Diethylphthalate	9.98	149	389106	47.74	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	140350	45.41	ng		100
61) 4-Nitroaniline	10.13	138	97156	45.95	ng		87
62) Azobenzene	10.24	77	462500	49.25	ng		96
64) 4,6-Dinitro-2-methylphenol	10.15	198	54632	47.71	ng	#	80
65) n-Nitrosodiphenylamine	10.21	169	300950	43.97	ng		100
66) 4-Bromophenyl-phenylether	10.56	248	83122	44.13	ng	#	61
67) Hexachlorobenzene	10.63	284	85184	44.66	ng	#	81
68) Atrazine	10.74	200	103286	54.17	ng		97
69) Pentachlorophenol	10.82	266	106907	93.41	ng		98
70) Phenanthrene	11.03	178	454109	39.96	ng		99
71) Anthracene	11.09	178	508692	46.01	ng		98
72) Carbazole	11.25	167	512140	48.11	ng		98
73) Di-n-butylphthalate	11.59	149	590316	45.83	ng		99
74) Fluoranthene	12.21	202	561576	45.80	ng		97
76) Benzidine	12.33	184	222815	41.80	ng		98
77) Pyrene	12.42	202	490710	42.78	ng		99
79) Butylbenzylphthalate	13.06	149	251815	51.07	ng	#	62
80) Benzo(a)anthracene	13.61	228	439894	46.48	ng		99
81) 3,3'-Dichlorobenzidine	13.58	252	84552	27.58	ng		96
82) Chrysene	13.65	228	406288	47.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.64	149	375388	59.43	ng		99
84) Di-n-octyl phthalate	14.24	149	611584	63.71	ng		99
85) Indeno(1,2,3-cd)pyrene	16.10	276	306716	51.22	ng	#	94
87) Benzo(b)fluoranthene	14.60	252	336245m	42.56	ng		
88) Benzo(k)fluoranthene	14.63	252	344386m	46.78	ng		
89) Benzo(a)pyrene	14.89	252	323275	46.96	ng		98
90) Dibenzo(a,h)anthracene	16.12	278	254101	47.37	ng	#	97
91) Benzo(g,h,i)perylene	16.45	276	254304	46.73	ng	#	94

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

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