Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082990.D
Acq On : 18 Nov 2015 2:54
Operator : UM/IZ
Sample : G4407-09MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-16MSD

Manual Integrations APPROVED
mohammad
11/19/2015 8:25:43 AM

Quant Time: Nov 18 06:59:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	156979	20.00	ng		-0.10
21) Naphthalene-d8	8.04	136	609081	20.00	ng		-0.10
38) Acenaphthene-d10	9.79	164	293614	20.00	ng		-0.10
63) Phenanthrene-d10	11.28	188	570359	20.00	ng		-0.10
75) Chrysene-d12	13.91	240	432635	20.00	ng		-0.11
86) Perylene-d12	15.30	264	373755	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	629666	62.41	ng		-0.09
7) Phenol-d6	6.41	99	536369	39.99	ng		-0.08
23) Nitrobenzene-d5	7.32	82	1108742	79.21	ng		-0.09
41) 2,4,6-Tribromophenol	10.59	330	437776	130.04	ng		-0.09
44) 2-Fluorobiphenyl	9.13	172	1969150	96.12	ng		-0.09
78) Terphenyl-d14	12.87	244	1950069	106.91	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	79626	18.29	ng		94
3) Pyridine	3.00	79	187981	14.88	ng		93
4) n-Nitrosodimethylamine	2.91	42	100612	16.06	ng	#	74
6) Aniline	6.41	93	223247	11.85	ng	#	61
8) 2-Chlorophenol	6.54	128	400757	35.83	ng		97
9) Benzaldehyde	6.29	77	38969	5.26	ng		86
10) Phenol	6.42	94	192518	12.65	ng		95
11) bis(2-Chloroethyl)ether	6.49	93	451504	39.67	ng		94
12) 1,3-Dichlorobenzene	6.69	146	471637m	37.39	ng		
13) 1,4-Dichlorobenzene	6.77	146	487720	37.16	ng		93
14) 1,2-Dichlorobenzene	6.92	146	406315	34.04	ng		94
15) Benzyl Alcohol	6.90	79	266979	22.67	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	795289	47.64	ng		94
17) 2-Methylphenol	7.02	107	262921	27.75	ng		98
18) Hexachloroethane	7.26	117	161888	34.49	ng		92
19) n-Nitroso-di-n-propylamine	7.17	70	378412	38.38	ng		90
20) 3+4-Methylphenols	7.18	107	312697	25.39	ng	#	59
22) Acetophenone	7.16	105	683893	39.19	ng	#	97
24) Nitrobenzene	7.34	77	626342	43.75	ng		96
25) Isophorone	7.58	82	1065051	41.12	ng		97
26) 2-Nitrophenol	7.65	139	225030	37.66	ng	#	80
27) 2,4-Dimethylphenol	7.71	122	378992	35.30	ng		92
28) bis(2-Chloroethoxy)methane	7.80	93	661930	45.31	ng		98
29) 2,4-Dichlorophenol	7.90	162	359080	37.01	ng		89
30) 1,2,4-Trichlorobenzene	7.98	180	398514	36.52	ng		96
31) Naphthalene	8.06	128	1314847	39.13	ng		99
32) Benzoic acid	7.79	122	67317	9.16	ng		91
33) 4-Chloroaniline	8.11	127	153194	10.58	ng		92
34) Hexachlorobutadiene	8.19	225	249476	36.53	ng		98
35) Caprolactam	8.48	113	17744	5.80	ng		92
36) 4-Chloro-3-methylphenol	8.60	107	369264	32.36	ng		93
37) 2-Methylnaphthalene	8.75	142	810940	37.30	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	378114	39.19	ng		97
40) Hexachlorocyclopentadiene	8.91	237	379211	73.15	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	270864	37.61	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	291616	40.94	ng		92
45) 1,1'-Biphenyl	9.22	154	993744	39.44	ng		95
46) 2-Chloronaphthalene	9.24	162	831134	42.29	ng		97
47) 2-Nitroaniline	9.33	65	289413	39.70	ng		93
48) Acenaphthylene	9.65	152	1220135	39.62	ng		98
49) Dimethylphthalate	9.53	163	954360	39.67	ng		100
50) 2,6-Dinitrotoluene	9.58	165	230111	44.83	ng		91
51) Acenaphthene	9.82	154	896249	45.91	ng		99
52) 3-Nitroaniline	9.74	138	87210	15.45	ng	#	86
53) 2,4-Dinitrophenol	9.86	184	242563	86.07	ng	#	20
54) Dibenzofuran	10.00	168	1150782	43.73	ng		94
55) 4-Nitrophenol	9.93	139	130725	30.19	ng	#	87
56) 2,4-Dinitrotoluene	9.98	165	276506	39.70	ng		99
57) Fluorene	10.34	166	843234	39.56	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	242238	41.67	ng	#	92
59) Diethylphthalate	10.22	149	948127	40.37	ng		98
60) 4-Chlorophenyl-phenylether	10.34	204	457576	42.91	ng		96
61) 4-Nitroaniline	10.36	138	161723	28.49	ng	#	79
62) Azobenzene	10.50	77	1220791	48.39	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	170636	41.99	ng		83
65) n-Nitrosodiphenylamine	10.46	169	828950	40.23	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	285604	41.59	ng		98
67) Hexachlorobenzene	10.89	284	297202	38.76	ng	#	87
68) Atrazine	10.99	200	265074	41.60	ng		95
69) Pentachlorophenol	11.09	266	341314	73.30	ng		98
70) Phenanthrene	11.30	178	1356086	40.94	ng		99
71) Anthracene	11.36	178	1458868	41.81	ng		98
72) Carbazole	11.51	167	1167886	38.24	ng		99
73) Di-n-butylphthalate	11.85	149	1519317	39.93	ng		99
74) Fluoranthene	12.49	202	1548510	43.57	ng		96
76) Benzidine	12.60	184	279039	19.24	ng		98
77) Pyrene	12.71	202	1469569	49.46	ng		99
79) Butylbenzylphthalate	13.35	149	721208	54.95	ng	#	73
80) Benzo(a)anthracene	13.89	228	1273498	47.07	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	147984	15.39	ng		99
82) Chrysene	13.94	228	1240583	50.07	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	901448	50.18	ng		100
84) Di-n-octyl phthalate	14.51	149	1505891	50.25	ng		97
85) Indeno(1,2,3-cd)pyrene	16.64	276	973782	45.63	ng	#	95
87) Benzo(b)fluoranthene	14.91	252	1039871m	43.34	ng		
88) Benzo(k)fluoranthene	14.93	252	931590m	43.77	ng		
89) Benzo(a)pyrene	15.24	252	886982	42.67	ng	#	96
90) Dibenzo(a,h)anthracene	16.65	278	823688	46.80	ng		97
91) Benzo(g,h,i)perylene	17.04	276	830347	49.25	ng		98

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

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