Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084912.D
Acq On : 6 Feb 2016 15:26
Operator : SJ/IZ
Sample : H1325-01MSD
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B016(17-19)MSD

Manual Integrations APPROVED
UMANGI
2/8/2016 3:04:35 PM

Quant Time: Feb 08 02:43:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177048	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	706084	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	319195	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	546633	20.00	ng		-0.03
75) Chrysene-d12	13.81	240	315779	20.00	ng		-0.02
86) Perylene-d12	15.17	264	327726	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1405861	123.68	ng		0.00
7) Phenol-d6	6.33	99	1601967	113.68	ng		-0.01
23) Nitrobenzene-d5	7.24	82	1252036	99.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.50	330	462653	138.96	ng		-0.02
44) 2-Fluorobiphenyl	9.04	172	2096567	142.83	ng		-0.02
78) Terphenyl-d14	12.76	244	1389511	99.71	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	193830	38.93	ng	#	77
3) Pyridine	2.96	79	326519	25.17	ng	#	79
4) n-Nitrosodimethylamine	2.89	42	285836	42.60	ng		79
6) Aniline	6.33	93	285229	16.54	ng	#	45
8) 2-Chlorophenol	6.45	128	573165	44.55	ng		93
9) Benzaldehyde	6.21	77	74561	8.96	ng		86
10) Phenol	6.34	94	656096	41.56	ng		95
11) bis(2-Chloroethyl)ether	6.41	93	567194	46.08	ng	#	83
12) 1,3-Dichlorobenzene	6.60	146	538148	39.59	ng	#	95
13) 1,4-Dichlorobenzene	6.68	146	574907	42.31	ng		95
14) 1,2-Dichlorobenzene	6.83	146	463228	36.60	ng		95
15) Benzyl Alcohol	6.82	79	448039	46.04	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.96	45	840162	40.57	ng		98
17) 2-Methylphenol	6.94	107	441622	43.40	ng	#	90
18) Hexachloroethane	7.17	117	214414	40.97	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	396330	44.87	ng	#	73
20) 3+4-Methylphenols	7.10	107	581649	46.05	ng		91
22) Acetophenone	7.08	105	825339	44.35	ng	#	99
24) Nitrobenzene	7.25	77	540190	40.25	ng		94
25) Isophorone	7.50	82	1120698	45.98	ng		95
26) 2-Nitrophenol	7.57	139	315573	47.67	ng	#	89
27) 2,4-Dimethylphenol	7.63	122	509178	44.22	ng		90
28) bis(2-Chloroethoxy)methane	7.71	93	657500	45.47	ng		99
29) 2,4-Dichlorophenol	7.82	162	480273	48.75	ng		94
30) 1,2,4-Trichlorobenzene	7.89	180	474260	42.62	ng		95
31) Naphthalene	7.97	128	1649514	46.57	ng		99
32) Benzoic acid	7.78	122	335662	45.58	ng		91
33) 4-Chloroaniline	8.03	127	191438	13.07	ng		95
34) Hexachlorobutadiene	8.09	225	263818	41.12	ng		97
35) Caprolactam	8.42	113	123733m	40.75	ng		
36) 4-Chloro-3-methylphenol	8.53	107	535043	47.60	ng		99
37) 2-Methylnaphthalene	8.66	142	1048240	47.29	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	449173	44.31	ng		99
40) Hexachlorocyclopentadiene	8.82	237	324817	74.63	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	305106	46.72	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	332758	50.14	ng		94
45) 1,1'-Biphenyl	9.13	154	1193559	41.86	ng		99
46) 2-Chloronaphthalene	9.15	162	929611	44.28	ng		94
47) 2-Nitroaniline	9.25	65	287697	43.28	ng		97
48) Acenaphthylene	9.56	152	1327969	41.68	ng		98
49) Dimethylphthalate	9.45	163	1244201	51.18	ng	#	91
50) 2,6-Dinitrotoluene	9.50	165	277079	52.17	ng		96
51) Acenaphthene	9.73	154	874188	42.17	ng		98
52) 3-Nitroaniline	9.66	138	156558	26.23	ng		95
53) 2,4-Dinitrophenol	9.78	184	233020	93.97	ng	#	85
54) Dibenzofuran	9.90	168	1151979	45.47	ng		92
55) 4-Nitrophenol	9.85	139	288273	65.73	ng	#	75
56) 2,4-Dinitrotoluene	9.90	165	298082	44.00	ng	#	76
57) Fluorene	10.25	166	916921	43.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	251013	49.69	ng		94
59) Diethylphthalate	10.13	149	1105189	46.56	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	486255	56.58	ng		90
61) 4-Nitroaniline	10.28	138	220655	37.94	ng		92
62) Azobenzene	10.41	77	1161717	50.89	ng		94
64) 4,6-Dinitro-2-methylphenol	10.32	198	170766	50.62	ng		83
65) n-Nitrosodiphenylamine	10.37	169	899974	51.85	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	281459	46.62	ng	#	74
67) Hexachlorobenzene	10.80	284	334454	50.84	ng		95
68) Atrazine	10.90	200	232069	42.34	ng		98
69) Pentachlorophenol	10.99	266	282478	91.37	ng		98
70) Phenanthrene	11.21	178	1504572	49.63	ng		98
71) Anthracene	11.25	178	1288081	42.16	ng		99
72) Carbazole	11.41	167	1086341	40.78	ng		99
73) Di-n-butylphthalate	11.76	149	1636058	48.24	ng	#	97
74) Fluoranthene	12.38	202	1241766	40.47	ng		98
76) Benzidine	12.51	184	121855	14.46	ng		96
77) Pyrene	12.61	202	1323173	54.73	ng		99
79) Butylbenzylphthalate	13.24	149	550366	50.18	ng		92
80) Benzo(a)anthracene	13.80	228	987563	50.39	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	228320	32.90	ng	#	98
82) Chrysene	13.84	228	953556	50.17	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	727909	53.33	ng	#	100
84) Di-n-octyl phthalate	14.42	149	1247417	55.40	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.45	276	899034	60.10	ng		99
87) Benzo(b)fluoranthene	14.81	252	1098851m	49.90	ng		
88) Benzo(k)fluoranthene	14.83	252	756165m	41.53	ng		
89) Benzo(a)pyrene	15.13	252	906061	48.29	ng		99
90) Dibenzo(a,h)anthracene	16.47	278	756436	47.89	ng		97
91) Benzo(g,h,i)perylene	16.84	276	737537	46.36	ng		96

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

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