Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094572.D
Acq On : 21 Apr 2017 19:42
Operator : SJ/MA
Sample : I2786-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BL-1(3)MSD

Manual Integrations APPROVED
mohammad
4/24/2017 5:13:26 PM

Quant Time: Apr 22 01:35:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	114899	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	458557	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	209435	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	362630	20.00	ng		0.00
75) Chrysene-d12	14.46	240	260129	20.00	ng		0.00
86) Perylene-d12	16.08	264	268633	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	823606	118.92	ng		0.02
7) Phenol-d6	5.40	99	1000702	122.57	ng		0.00
23) Nitrobenzene-d5	6.42	82	640458	86.24	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	217422	132.72	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1237804	86.96	ng		0.00
78) Terphenyl-d14	13.19	244	902034	92.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	116544	28.94	ng		96
3) Pyridine	2.64	79	263608	29.95	ng		97
4) n-Nitrosodimethylamine	2.58	42	138525	38.03	ng		90
6) Aniline	5.40	93	319441	29.44	ng	#	85
8) 2-Chlorophenol	5.54	128	318389	40.40	ng		99
9) Benzaldehyde	5.27	77	49205	7.92	ng		97
10) Phenol	5.41	94	426915	42.56	ng		93
11) bis(2-Chloroethyl)ether	5.48	93	296806m	40.51	ng		
12) 1,3-Dichlorobenzene	5.70	146	341755	39.14	ng		98
13) 1,4-Dichlorobenzene	5.78	146	342274	38.96	ng		96
14) 1,2-Dichlorobenzene	5.96	146	321704	39.76	ng		96
15) Benzyl Alcohol	5.95	79	242072	39.97	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	398919	41.52	ng	#	45
17) 2-Methylphenol	6.09	107	251658	40.55	ng		93
18) Hexachloroethane	6.35	117	118001	39.19	ng		87
19) n-Nitroso-di-n-propylamine	6.25	70	227947	42.14	ng		97
20) 3+4-Methylphenols	6.27	107	347522	41.20	ng	#	61
22) Acetophenone	6.24	105	456066	40.90	ng	#	85
24) Nitrobenzene	6.44	77	318805	40.77	ng		97
25) Isophorone	6.72	82	581290	42.23	ng		96
26) 2-Nitrophenol	6.81	139	169507	40.35	ng		97
27) 2,4-Dimethylphenol	6.89	122	281533	41.25	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	381461	42.84	ng		99
29) 2,4-Dichlorophenol	7.11	162	272290	42.89	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	270895	41.27	ng		99
31) Naphthalene	7.29	128	926803	42.04	ng		99
32) Benzoic acid	7.05	122	83344	23.09	ng		91
33) 4-Chloroaniline	7.36	127	179508	19.57	ng	#	93
34) Hexachlorobutadiene	7.44	225	136421	41.69	ng		99
35) Caprolactam	7.82	113	82588m	41.41	ng		
36) 4-Chloro-3-methylphenol	7.99	107	273345	41.08	ng		89
37) 2-Methylnaphthalene	8.12	142	663880	44.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	257935	43.25	ng		99
40) Hexachlorocyclopentadiene	8.32	237	143159	59.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	171649	40.98	ng		96
43) 2,4,5-Trichlorophenol	8.55	196	188214	43.76	ng		93
45) 1,1'-Biphenyl	8.70	154	749666	43.81	ng		98
46) 2-Chloronaphthalene	8.72	162	589442	43.32	ng		95
47) 2-Nitroaniline	8.85	65	173972	44.45	ng	#	85
48) Acenaphthylene	9.22	152	810629	38.22	ng		99
49) Dimethylphthalate	9.10	163	900092	57.67	ng		99
50) 2,6-Dinitrotoluene	9.16	165	151649	43.29	ng		93
51) Acenaphthene	9.44	154	532855	41.94	ng		100
52) 3-Nitroaniline	9.36	138	115936	28.60	ng		92
53) 2,4-Dinitrophenol	9.50	184	53065	31.66	ng	#	69
54) Dibenzofuran	9.65	168	784857	42.51	ng		99
55) 4-Nitrophenol	9.62	139	163344m	57.04	ng		
56) 2,4-Dinitrotoluene	9.66	165	192472	44.78	ng	#	93
57) Fluorene	10.07	166	609651	42.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	139666	45.31	ng		96
59) Diethylphthalate	9.96	149	678576	46.08	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	268897	44.94	ng		87
61) 4-Nitroaniline	10.11	138	144634	35.10	ng		95
62) Azobenzene	10.27	77	624655	43.69	ng		95
64) 4,6-Dinitro-2-methylphenol	10.16	198	48965	20.61	ng	#	69
65) n-Nitrosodiphenylamine	10.23	169	564491	44.76	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	162491	45.13	ng		100
67) Hexachlorobenzene	10.74	284	155913	42.97	ng	#	81
68) Atrazine	10.90	200	161668	42.85	ng		95
69) Pentachlorophenol	11.00	266	144633	100.38	ng		100
70) Phenanthrene	11.24	178	910798	44.60	ng		98
71) Anthracene	11.31	178	882243	41.77	ng		99
72) Carbazole	11.51	167	804630	40.58	ng		98
73) Di-n-butylphthalate	11.97	149	1060172	48.57	ng		99
74) Fluoranthene	12.70	202	857852	40.53	ng		99
76) Benzidine	12.88	184	198038	18.80	ng		95
77) Pyrene	12.98	202	832288	45.80	ng		99
79) Butylbenzylphthalate	13.79	149	382171	47.98	ng	#	85
80) Benzo(a)anthracene	14.45	228	655595	43.36	ng		99
81) 3,3'-Dichlorobenzidine	14.42	252	185012	34.57	ng	#	96
82) Chrysene	14.49	228	621222m	44.96	ng		
83) Bis(2-ethylhexyl)phthalate	14.51	149	553100	51.72	ng		99
84) Di-n-octyl phthalate	15.27	149	905981	50.51	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	702280	53.42	ng		99
87) Benzo(b)fluoranthene	15.68	252	725110	44.13	ng		97
88) Benzo(k)fluoranthene	15.72	252	608515m	39.13	ng		
89) Benzo(a)pyrene	16.03	252	656561	42.95	ng		98
90) Dibenzo(a,h)anthracene	17.38	278	567850	44.73	ng		97
91) Benzo(g,h,i)perylene	17.74	276	563716	43.62	ng		99

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

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