Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
Data File : BF094571.D
Acq On : 21 Apr 2017 19:14
Operator : SJ/MA
Sample : I2786-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/24/2017 5:13:23 PM

Quant Time: Apr 22 01:24:07 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	116918	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	468382	20.00	ng		0.00
38) Acenaphthene-d10	9.39	164	200365	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	344781	20.00	ng		0.00
75) Chrysene-d12	14.46	240	270041	20.00	ng		0.00
86) Perylene-d12	16.08	264	272610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	953257	135.27	ng		0.02
7) Phenol-d6	5.41	99	1177023	141.67	ng		0.01
23) Nitrobenzene-d5	6.42	82	734399	96.82	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	230146	146.85	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1309953	96.19	ng		0.00
78) Terphenyl-d14	13.19	244	1004450	99.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	126289	30.81	ng		96
3) Pyridine	2.64	79	303718	33.91	ng		98
4) n-Nitrosodimethylamine	2.58	42	146261	39.46	ng		89
6) Aniline	5.42	93	166193	15.05	ng	#	1
8) 2-Chlorophenol	5.54	128	336846	42.01	ng		95
9) Benzaldehyde	5.27	77	53710	8.50	ng		97
10) Phenol	5.42	94	452382	44.32	ng		92
11) bis(2-Chloroethyl)ether	5.48	93	309258	41.48	ng		95
12) 1,3-Dichlorobenzene	5.70	146	357291	40.22	ng		98
13) 1,4-Dichlorobenzene	5.78	146	362757	40.58	ng		95
14) 1,2-Dichlorobenzene	5.96	146	335010	40.69	ng		97
15) Benzyl Alcohol	5.95	79	251342	40.78	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	408590	41.80	ng	#	33
17) 2-Methylphenol	6.10	107	264990	41.96	ng	#	88
18) Hexachloroethane	6.35	117	121088	39.52	ng	#	87
19) n-Nitroso-di-n-propylamine	6.26	70	237116	43.07	ng		95
20) 3+4-Methylphenols	6.28	107	359557	41.90	ng	#	62
22) Acetophenone	6.24	105	474413	41.66	ng	#	86
24) Nitrobenzene	6.44	77	330434	41.37	ng		90
25) Isophorone	6.73	82	597359	42.48	ng	#	93
26) 2-Nitrophenol	6.81	139	180836	42.14	ng		99
27) 2,4-Dimethylphenol	6.89	122	292358	41.94	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	384027	42.22	ng		99
29) 2,4-Dichlorophenol	7.11	162	281365	43.39	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	277986	41.46	ng		98
31) Naphthalene	7.29	128	946436	42.03	ng		99
32) Benzoic acid	7.07	122	166422	45.15	ng		94
33) 4-Chloroaniline	7.38	127	118640	12.67	ng	#	92
34) Hexachlorobutadiene	7.44	225	140742	42.11	ng		98
35) Caprolactam	7.82	113	87951m	43.17	ng		
36) 4-Chloro-3-methylphenol	7.99	107	283299	41.69	ng		89
37) 2-Methylnaphthalene	8.12	142	664548	43.14	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	253365	44.41	ng		99
40) Hexachlorocyclopentadiene	8.32	237	112759	48.85	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	165406	41.28	ng		98
43) 2,4,5-Trichlorophenol	8.55	196	192718	46.84	ng		93
45) 1,1'-Biphenyl	8.70	154	720728	44.03	ng		98
46) 2-Chloronaphthalene	8.72	162	576059	44.25	ng		96
47) 2-Nitroaniline	8.85	65	168516	45.00	ng		90
48) Acenaphthylene	9.22	152	788456	38.86	ng		99
49) Dimethylphthalate	9.10	163	906379	60.70	ng		99
50) 2,6-Dinitrotoluene	9.16	165	148524	44.31	ng		91
51) Acenaphthene	9.44	154	525219	43.21	ng		99
52) 3-Nitroaniline	9.36	138	77913	20.09	ng		96
53) 2,4-Dinitrophenol	9.50	184	68483	40.70	ng	#	72
54) Dibenzofuran	9.65	168	766774	43.41	ng		97
55) 4-Nitrophenol	9.62	139	226722m	82.76	ng		
56) 2,4-Dinitrotoluene	9.66	165	190706	46.37	ng	#	92
57) Fluorene	10.07	166	603731	43.89	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	138520	46.97	ng		96
59) Diethylphthalate	9.96	149	655535	46.53	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	258005	45.07	ng		89
61) 4-Nitroaniline	10.11	138	131331	33.32	ng		97
62) Azobenzene	10.27	77	610992	44.67	ng		93
64) 4,6-Dinitro-2-methylphenol	10.16	198	52423	23.21	ng	#	70
65) n-Nitrosodiphenylamine	10.23	169	551379	45.98	ng		98
66) 4-Bromophenyl-phenylether	10.67	248	156252	45.64	ng		98
67) Hexachlorobenzene	10.74	284	148356	43.00	ng	#	83
68) Atrazine	10.91	200	153996	42.93	ng		98
69) Pentachlorophenol	11.00	266	151210	110.37	ng		96
70) Phenanthrene	11.25	178	1004812	51.75	ng		98
71) Anthracene	11.31	178	884046	44.02	ng		98
72) Carbazole	11.51	167	785859	41.69	ng		99
73) Di-n-butylphthalate	11.97	149	999296	48.15	ng		99
74) Fluoranthene	12.71	202	908516	45.15	ng		98
76) Benzidine	12.88	184	193421	17.69	ng		95
77) Pyrene	12.98	202	916121	48.56	ng		99
79) Butylbenzylphthalate	13.80	149	389635	47.12	ng		91
80) Benzo(a)anthracene	14.45	228	734333	46.79	ng		99
81) 3,3'-Dichlorobenzidine	14.42	252	175825	31.64	ng	#	97
82) Chrysene	14.49	228	669919	46.70	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	583499	52.56	ng		99
84) Di-n-octyl phthalate	15.27	149	1000867	53.75	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	662648	48.55	ng		99
87) Benzo(b)fluoranthene	15.69	252	749452	44.94	ng		98
88) Benzo(k)fluoranthene	15.72	252	662402m	41.97	ng		
89) Benzo(a)pyrene	16.03	252	677886	43.69	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	539821	41.90	ng		98
91) Benzo(g,h,i)perylene	17.74	276	542796	41.39	ng		98

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

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