Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094602.D
Acq On : 25 Apr 2017 13:49
Operator : SJ/MA
Sample : I2813-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-W8-BASEMSD

Manual Integrations APPROVED
mohammad
4/26/2017 2:20:43 PM

Quant Time: Apr 26 02:18:23 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	5.75	152	122584	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	490463	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	227936	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	401155	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	285165	20.00	ng		-0.01
86) Perylene-d12	16.07	264	212747	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	1035484	140.14	ng		0.00
7) Phenol-d6	5.39	99	1261572	144.83	ng		0.00
23) Nitrobenzene-d5	6.41	82	784454	98.76	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	259487	145.54	ng		-0.01
44) 2-Fluorobiphenyl	8.57	172	1319838	85.20	ng		-0.01
78) Terphenyl-d14	13.18	244	1120231	105.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	106054	24.68	ng		96
3) Pyridine	2.64	79	295410	31.45	ng		97
4) n-Nitrosodimethylamine	2.57	42	132442	34.08	ng		89
6) Aniline	5.38	93	249959	21.59	ng	#	77
8) 2-Chlorophenol	5.52	128	309267	36.78	ng		99
9) Benzaldehyde	5.25	77	101539	15.32	ng		98
10) Phenol	5.40	94	434059	40.56	ng		92
11) bis(2-Chloroethyl)ether	5.47	93	280824	35.92	ng		100
12) 1,3-Dichlorobenzene	5.69	146	324503	34.84	ng		99
13) 1,4-Dichlorobenzene	5.77	146	329188	35.13	ng		97
14) 1,2-Dichlorobenzene	5.95	146	305702	35.41	ng		96
15) Benzyl Alcohol	5.93	79	230284	35.64	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.08	45	377502	36.83	ng		54
17) 2-Methylphenol	6.08	107	247601	37.39	ng		93
18) Hexachloroethane	6.34	117	112299	34.95	ng		88
19) n-Nitroso-di-n-propylamine	6.24	70	216931	37.59	ng		97
20) 3+4-Methylphenols	6.26	107	347924	38.67	ng	#	62
22) Acetophenone	6.23	105	440200	36.91	ng	#	85
24) Nitrobenzene	6.42	77	307346	36.74	ng		97
25) Isophorone	6.71	82	552864	37.55	ng		96
26) 2-Nitrophenol	6.80	139	168266	37.44	ng		98
27) 2,4-Dimethylphenol	6.88	122	274581	37.62	ng		99
28) bis(2-Chloroethoxy)methane	6.97	93	358828	37.68	ng		99
29) 2,4-Dichlorophenol	7.10	162	260527	38.37	ng		98
30) 1,2,4-Trichlorobenzene	7.18	180	253854	36.16	ng		98
31) Naphthalene	7.27	128	882908	37.45	ng		100
32) Benzoic acid	7.01	122	35295	9.14	ng		91
33) 4-Chloroaniline	7.35	127	59765	6.09	ng		94
34) Hexachlorobutadiene	7.43	225	125451	35.84	ng		99
35) Caprolactam	7.80	113	80492m	37.73	ng		
36) 4-Chloro-3-methylphenol	7.98	107	270100	37.96	ng		88
37) 2-Methylnaphthalene	8.11	142	600024	37.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	231679	35.69	ng		99
40) Hexachlorocyclopentadiene	8.31	237	146268	55.71	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.47	196	169664	37.22	ng		98
43) 2,4,5-Trichlorophenol	8.53	196	177466	37.91	ng		94
45) 1,1'-Biphenyl	8.69	154	671052	36.03	ng		98
46) 2-Chloronaphthalene	8.71	162	537946	36.33	ng		95
47) 2-Nitroaniline	8.84	65	158311	37.16	ng		89
48) Acenaphthylene	9.21	152	817443	35.41	ng		99
49) Dimethylphthalate	9.08	163	775769	45.67	ng		99
50) 2,6-Dinitrotoluene	9.15	165	144103	37.79	ng	#	90
51) Acenaphthene	9.42	154	500849	36.22	ng		99
52) 3-Nitroaniline	9.35	138	65988	14.96	ng		94
53) 2,4-Dinitrophenol	9.50	184	64662	34.76	ng	#	62
54) Dibenzofuran	9.64	168	738789	36.76	ng		99
55) 4-Nitrophenol	9.61	139	209589m	67.25	ng		
56) 2,4-Dinitrotoluene	9.65	165	186506	39.87	ng	#	92
57) Fluorene	10.05	166	576307	36.83	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	130894	39.01	ng		95
59) Diethylphthalate	9.95	149	609634	38.04	ng		98
60) 4-Chlorophenyl-phenylether	10.07	204	243175	37.34	ng		91
61) 4-Nitroaniline	10.11	138	140067	31.23	ng		98
62) Azobenzene	10.26	77	585995	37.66	ng		94
64) 4,6-Dinitro-2-methylphenol	10.15	198	78349	29.81	ng	#	77
65) n-Nitrosodiphenylamine	10.22	169	529665	37.96	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	151608	38.06	ng		94
67) Hexachlorobenzene	10.74	284	148726	37.05	ng	#	93
68) Atrazine	10.90	200	157172	37.66	ng		97
69) Pentachlorophenol	10.99	266	132315	83.01	ng		98
70) Phenanthrene	11.23	178	857749	37.97	ng		99
71) Anthracene	11.30	178	863619	36.96	ng		99
72) Carbazole	11.51	167	820601	37.42	ng		97
73) Di-n-butylphthalate	11.95	149	978984	40.54	ng		98
74) Fluoranthene	12.69	202	901473	38.50	ng		98
76) Benzidine	12.87	184	278265	24.10	ng	#	94
77) Pyrene	12.97	202	892768	44.81	ng		99
79) Butylbenzylphthalate	13.79	149	386670	44.28	ng	#	85
80) Benzo(a)anthracene	14.44	228	630665	38.05	ng		99
81) 3,3'-Dichlorobenzidine	14.41	252	100863	17.19	ng		98
82) Chrysene	14.48	228	581020	38.36	ng		100
83) Bis(2-ethylhexyl)phthalate	14.51	149	530790	45.28	ng	#	99
84) Di-n-octyl phthalate	15.26	149	748124	38.04	ng		96
85) Indeno(1,2,3-cd)pyrene	17.35	276	549231	38.11	ng		99
87) Benzo(b)fluoranthene	15.68	252	488593	37.54	ng		99
88) Benzo(k)fluoranthene	15.71	252	450086	36.54	ng	#	95
89) Benzo(a)pyrene	16.02	252	456383	37.69	ng		98
90) Dibenzo(a,h)anthracene	17.37	278	446405	44.40	ng		99
91) Benzo(g,h,i)perylene	17.72	276	480861	46.98	ng		99

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

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