Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
Data File : BF097239.D
Acq On : 1 Aug 2017 18:47
Operator : SJ/JU
Sample : I4471-21MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW-DUPMS

Manual Integrations APPROVED
Sohil
8/2/2017 7:15:21 PM

Quant Time: Aug 02 14:20:53 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	113400	20.00	ng		-0.04
21) Naphthalene-d8	7.75	136	481892	20.00	ng		-0.04
38) Acenaphthene-d10	9.50	164	187538	20.00	ng		-0.04
63) Phenanthrene-d10	10.97	188	247621	20.00	ng		-0.03
75) Chrysene-d12	13.60	240	176238	20.00	ng		-0.03
86) Perylene-d12	14.94	264	165097	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	835254	111.03	ng		-0.02
7) Phenol-d6	6.15	99	1060432	123.48	ng		-0.02
23) Nitrobenzene-d5	7.04	82	588861	71.69	ng		-0.04
41) 2,4,6-Tribromophenol	10.29	330	134743	90.94	ng		-0.04
44) 2-Fluorobiphenyl	8.83	172	763179	69.06	ng		-0.04
78) Terphenyl-d14	12.55	244	446794	51.69	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	103408	32.941	ng	#	73
3) Pyridine	2.63	79	310504	32.302	ng	#	64
4) n-Nitrosodimethylamine	2.58	42	203965	38.301	ng		79
6) Aniline	6.13	93	351272	32.505	ng		97
8) 2-Chlorophenol	6.26	128	324182	40.303	ng		95
9) Benzaldehyde	6.01	77	249819	49.146	ng		96
10) Phenol	6.16	94	491875	48.288	ng		91
11) bis(2-Chloroethyl)ether	6.21	93	346965	43.066	ng		88
12) 1,3-Dichlorobenzene	6.40	146	320520	36.976	ng		98
13) 1,4-Dichlorobenzene	6.48	146	323341	37.639	ng		94
14) 1,2-Dichlorobenzene	6.64	146	278532	37.134	ng		97
15) Benzyl Alcohol	6.63	79	235415	43.298	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.76	45	609598	37.725	ng		79
17) 2-Methylphenol	6.76	107	235338	37.909	ng	#	89
18) Hexachloroethane	6.97	117	104410	33.222	ng	#	81
19) n-Nitroso-di-n-propylamine	6.90	70	238853	42.254	ng	#	80
20) 3+4-Methylphenols	6.92	107	347976	42.917	ng	#	64
22) Acetophenone	6.89	105	436855	37.749	ng		97
24) Nitrobenzene	7.06	77	312438	36.520	ng		94
25) Isophorone	7.30	82	600564	37.332	ng		98
26) 2-Nitrophenol	7.37	139	145707	31.480	ng	#	86
27) 2,4-Dimethylphenol	7.44	122	257138	33.678	ng		94
28) bis(2-Chloroethoxy)methane	7.52	93	372114	35.446	ng		98
29) 2,4-Dichlorophenol	7.63	162	254771	38.734	ng		97
30) 1,2,4-Trichlorobenzene	7.70	180	221705	35.362	ng		96
31) Naphthalene	7.77	128	882828	38.864	ng		100
33) 4-Chloroaniline	7.84	127	264728	28.641	ng		99
34) Hexachlorobutadiene	7.90	225	113064	34.017	ng		98
35) Caprolactam	8.20	113	84249m	39.945	ng		
36) 4-Chloro-3-methylphenol	8.35	107	234267	32.646	ng		90
37) 2-Methylnaphthalene	8.46	142	496117	34.494	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.63	216	172368	34.446	ng		98
40) Hexachlorocyclopentadiene	8.62	237	13682	13.766	ng		90
42) 2,4,6-Trichlorophenol	8.76	196	122146	33.684	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.80	196	123408	34.001	ng	#	93
45) 1,1'-Biphenyl	8.93	154	525967	32.835	ng		98
46) 2-Chloronaphthalene	8.95	162	399647	33.904	ng		94
47) 2-Nitroaniline	9.06	65	183331	42.855	ng		99
48) Acenaphthylene	9.36	152	639454	35.342	ng		99
49) Dimethylphthalate	9.24	163	765543	53.755	ng		99
50) 2,6-Dinitrotoluene	9.30	165	111698	36.980	ng	#	88
51) Acenaphthene	9.53	154	392520	36.830	ng		100
52) 3-Nitroaniline	9.47	138	128736	34.337	ng		90
53) 2,4-Dinitrophenol	9.60	184	3637	2.648	ng	#	31
54) Dibenzofuran	9.70	168	531923	37.471	ng		96
55) 4-Nitrophenol	9.66	139	123791	55.522	ng	#	50
56) 2,4-Dinitrotoluene	9.71	165	119613	34.448	ng	#	78
57) Fluorene	10.05	166	385287	36.112	ng		96
58) 2,3,4,6-Tetrachlorophenol	9.83	232	89616	35.759	ng	#	95
59) Diethylphthalate	9.94	149	494838	37.874	ng		99
60) 4-Chlorophenyl-phenylether	10.04	204	162186	36.812	ng		99
61) 4-Nitroaniline	10.08	138	111647	31.340	ng		93
62) Azobenzene	10.20	77	421226	34.753	ng		91
64) 4,6-Dinitro-2-methylphenol	10.12	198	15684	10.193	ng	#	74
65) n-Nitrosodiphenylamine	10.16	169	394380	45.774	ng		99
66) 4-Bromophenyl-phenylether	10.53	248	96885	39.206	ng		98
67) Hexachlorobenzene	10.60	284	95947	34.623	ng	#	91
68) Atrazine	10.70	200	100281	40.590	ng		95
69) Pentachlorophenol	10.80	266	73119	63.771	ng		98
70) Phenanthrene	11.00	178	516737	38.947	ng		99
71) Anthracene	11.05	178	491758	36.188	ng		98
72) Carbazole	11.21	167	466329	34.893	ng		99
73) Di-n-butylphthalate	11.55	149	631599	38.233	ng		100
74) Fluoranthene	12.17	202	500477	38.505	ng		98
76) Benzidine	12.30	184	103256	15.790	ng	#	91
77) Pyrene	12.40	202	509305	35.300	ng		99
79) Butylbenzylphthalate	13.03	149	262436	35.758	ng	#	82
80) Benzo(a)anthracene	13.59	228	407762	35.758	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	138673	32.248	ng	#	96
82) Chrysene	13.62	228	391608	35.169	ng		99
83) Bis(2-ethylhexyl)phthalate	13.60	149	315910	32.968	ng		98
84) Di-n-octyl phthalate	14.20	149	652075	37.081	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.15	276	279465	29.269	ng		97
87) Benzo(b)fluoranthene	14.59	252	400884	40.394	ng		98
88) Benzo(k)fluoranthene	14.61	252	315562	33.368	ng		96
89) Benzo(a)pyrene	14.89	252	327435	36.049	ng		99
90) Dibenzo(a,h)anthracene	16.16	278	239068	32.096	ng		95
91) Benzo(g,h,i)perylene	16.51	276	233646	29.912	ng		97

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

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