Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087771.D
Acq On : 7 Jun 2016 2:56
Operator : UM/SJ
Sample : H3372-01MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-49-060116MS

Manual Integrations APPROVED
sohil
6/7/2016 7:22:58 PM

Quant Time: Jun 07 07:17:06 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	96797	20.00	ng		-0.01
21) Naphthalene-d8	8.14	136	340350	20.00	ng		-0.01
38) Acenaphthene-d10	9.90	164	141871	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	241366	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	159130	20.00	ng		-0.02
86) Perylene-d12	15.43	264	131474	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	683163	114.07	ng		0.01
7) Phenol-d6	6.49	99	789727	105.15	ng		0.00
23) Nitrobenzene-d5	7.42	82	572062	97.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	197386	138.60	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1047984	156.28	ng		-0.01
78) Terphenyl-d14	12.96	244	775481	118.91	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	98319	33.96	ng	#	87
3) Pyridine	3.31	79	142117	18.58	ng		97
4) n-Nitrosodimethylamine	3.23	42	129958	40.23	ng		95
6) Aniline	6.51	93	101739	9.56	ng	#	57
8) 2-Chlorophenol	6.64	128	294399	42.72	ng		95
9) Benzaldehyde	6.40	77	18084	3.56	ng		99
10) Phenol	6.50	94	247371	28.92	ng		86
11) bis(2-Chloroethyl)ether	6.59	93	284449	45.78	ng		92
12) 1,3-Dichlorobenzene	6.80	146	332774m	45.10	ng		
13) 1,4-Dichlorobenzene	6.87	146	329961	44.57	ng		97
14) 1,2-Dichlorobenzene	7.03	146	315017	45.39	ng		97
15) Benzyl Alcohol	6.99	79	123229	22.21	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	389586	42.99	ng		92
17) 2-Methylphenol	7.12	107	235491	42.56	ng		96
18) Hexachloroethane	7.37	117	97253	37.56	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	208262	44.40	ng	#	85
20) 3+4-Methylphenols	7.27	107	263756	38.91	ng	#	79
22) Acetophenone	7.27	105	378617	49.11	ng	#	90
24) Nitrobenzene	7.44	77	305183	51.84	ng		91
25) Isophorone	7.68	82	527114	49.22	ng		100
26) 2-Nitrophenol	7.76	139	130726	47.79	ng	#	73
27) 2,4-Dimethylphenol	7.79	122	248500	43.83	ng		93
28) bis(2-Chloroethoxy)methane	7.90	93	309152	45.51	ng		99
29) 2,4-Dichlorophenol	8.00	162	239604	51.46	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	345427	70.84	ng		98
31) Naphthalene	8.16	128	796698	48.14	ng		100
32) Benzoic acid	7.91	122	143169	41.86	ng		93
33) 4-Chloroaniline	8.22	127	67144	9.34	ng	#	94
34) Hexachlorobutadiene	8.28	225	135966	53.63	ng		99
35) Caprolactam	8.58	113	59636	38.99	ng	#	69
36) 4-Chloro-3-methylphenol	8.70	107	226363	47.00	ng		97
37) 2-Methylnaphthalene	8.86	142	545176	49.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	212104	54.25	ng	#	1
40) Hexachlorocyclopentadiene	9.00	237	56898	24.74	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	156512	53.00	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	141409	51.46	ng	#	94
45) 1,1'-Biphenyl	9.31	154	574012	49.85	ng		99
46) 2-Chloronaphthalene	9.34	162	453195	49.45	ng		100
47) 2-Nitroaniline	9.44	65	138603	53.71	ng	#	56
48) Acenaphthylene	9.76	152	726864	50.85	ng		98
49) Dimethylphthalate	9.62	163	602111	58.38	ng		99
50) 2,6-Dinitrotoluene	9.68	165	118760	50.61	ng		90
51) Acenaphthene	9.93	154	438119	47.64	ng		100
52) 3-Nitroaniline	9.84	138	64190	23.92	ng		97
53) 2,4-Dinitrophenol	9.94	184	22006	23.54	ng		98
54) Dibenzofuran	10.10	168	632228	50.49	ng		99
55) 4-Nitrophenol	10.00	139	147654	64.36	ng		97
56) 2,4-Dinitrotoluene	10.08	165	141324	47.29	ng		93
57) Fluorene	10.43	166	440386	45.00	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	113633	48.00	ng	#	54
59) Diethylphthalate	10.32	149	582134	56.20	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	214197	Below	Cal		96
61) 4-Nitroaniline	10.46	138	100436	38.92	ng		90
62) Azobenzene	10.59	77	454463	43.59	ng		94
64) 4,6-Dinitro-2-methylphenol	10.48	198	19184	15.71	ng		89
65) n-Nitrosodiphenylamine	10.55	169	239546	30.30	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	137848	57.60	ng		94
67) Hexachlorobenzene	10.98	284	132504	49.51	ng		99
68) Atrazine	11.07	200	14948	6.38	ng		96
69) Pentachlorophenol	11.18	266	131951	82.97	ng		98
70) Phenanthrene	11.39	178	592430	45.27	ng		99
71) Anthracene	11.45	178	676440	51.58	ng		99
72) Carbazole	11.60	167	427017	34.40	ng		99
73) Di-n-butylphthalate	11.94	149	810159	60.88	ng		99
74) Fluoranthene	12.58	202	649113	50.40	ng		98
77) Pyrene	12.81	202	663127	58.52	ng		99
79) Butylbenzylphthalate	13.43	149	301677	62.56	ng	#	78
80) Benzo(a)anthracene	13.99	228	492687	53.65	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	8280	3.20	ng	#	96
82) Chrysene	14.03	228	536654	58.71	ng		97
83) Bis(2-ethylhexyl)phthalate	14.00	149	395908	68.99	ng	#	95
84) Di-n-octyl phthalate	14.61	149	707303	66.29	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.81	276	404568	53.54	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	534539m	62.50	ng		
88) Benzo(k)fluoranthene	15.05	252	309638m	43.51	ng		
89) Benzo(a)pyrene	15.37	252	384354	53.46	ng	#	96
90) Dibenzo(a,h)anthracene	16.83	278	350040	57.21	ng		99
91) Benzo(g,h,i)perylene	17.23	276	326857	52.95	ng		98

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

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