Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087109.D
Acq On : 17 May 2016 18:34
Operator : UM/SJ
Sample : H3074-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-44-051216MS

Manual Integrations APPROVED
sohil
5/18/2016 6:57:33 PM

Quant Time: May 18 02:15:36 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	143991	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	587181	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	282356	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	524611	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	366148	20.00	ng		-0.02
86) Perylene-d12	15.10	264	385996	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1026248	119.80	ng		0.00
7) Phenol-d6	6.27	99	1324346	115.27	ng		-0.01
23) Nitrobenzene-d5	7.18	82	1051899	89.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.43	330	441989	141.66	ng		-0.01
44) 2-Fluorobiphenyl	8.97	172	1734174	101.72	ng		-0.01
78) Terphenyl-d14	12.70	244	1577952	97.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	141121	32.02	ng	#	66
3) Pyridine	2.86	79	158317	14.85	ng	#	67
4) n-Nitrosodimethylamine	2.75	42	300137	39.73	ng	#	50
6) Aniline	6.27	93	110874	7.60	ng	#	1
8) 2-Chlorophenol	6.39	128	411486	39.48	ng		90
9) Benzaldehyde	6.15	77	23388	2.75	ng		96
10) Phenol	6.28	94	479087	33.17	ng		85
11) bis(2-Chloroethyl)ether	6.34	93	405095	37.35	ng		86
12) 1,3-Dichlorobenzene	6.54	146	417137	37.65	ng		99
13) 1,4-Dichlorobenzene	6.62	146	421747	37.20	ng		99
14) 1,2-Dichlorobenzene	6.76	146	392743	39.57	ng		98
15) Benzyl Alcohol	6.76	79	397037	46.42	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.89	45	857493	38.46	ng		66
17) 2-Methylphenol	6.89	107	340995	39.84	ng	#	79
18) Hexachloroethane	7.10	117	163541	37.74	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	341181	39.06	ng	#	67
20) 3+4-Methylphenols	7.05	107	471763	41.78	ng	#	59
22) Acetophenone	7.02	105	610202	42.46	ng	#	97
24) Nitrobenzene	7.19	77	464627	36.12	ng		95
25) Isophorone	7.43	82	893086	41.41	ng		97
26) 2-Nitrophenol	7.51	139	224898	42.20	ng	#	78
27) 2,4-Dimethylphenol	7.56	122	369685	40.65	ng		87
28) bis(2-Chloroethoxy)methane	7.64	93	515995	43.58	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	358398	44.72	ng		96
30) 1,2,4-Trichlorobenzene	7.83	180	369691	41.57	ng		97
31) Naphthalene	7.91	128	1261728	43.98	ng		100
32) Benzoic acid	7.74	122	246300	45.44	ng	#	79
33) 4-Chloroaniline	7.98	127	81569	6.84	ng	#	91
34) Hexachlorobutadiene	8.02	225	206040	40.83	ng		98
35) Caprolactam	8.36	113	95313m	35.72	ng		
36) 4-Chloro-3-methylphenol	8.48	107	397896	41.16	ng		90
37) 2-Methylnaphthalene	8.59	142	761316m	41.49	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	353529	42.87	ng		98
40) Hexachlorocyclopentadiene	8.75	237	261698	81.96	ng		93

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42) 2,4,6-Trichlorophenol	8.89	196	233927	43.74	ng		93
43) 2,4,5-Trichlorophenol	8.94	196	227360	40.92	ng	#	74
45) 1,1'-Biphenyl	9.06	154	939744	40.14	ng		96
46) 2-Chloronaphthalene	9.08	162	734859	40.89	ng		94
47) 2-Nitroaniline	9.20	65	317181	46.05	ng		84
48) Acenaphthylene	9.50	152	1134452	41.33	ng		99
49) Dimethylphthalate	9.38	163	977650	45.39	ng		99
50) 2,6-Dinitrotoluene	9.44	165	180351	38.56	ng	#	71
51) Acenaphthene	9.67	154	736850	42.97	ng		97
52) 3-Nitroaniline	9.61	138	36721	7.25	ng	#	81
53) 2,4-Dinitrophenol	9.72	184	227001	84.43	ng	#	78
54) Dibenzofuran	9.84	168	981924	44.29	ng		93
55) 4-Nitrophenol	9.80	139	191470m	61.19	ng		
56) 2,4-Dinitrotoluene	9.85	165	288566	48.17	ng	#	80
57) Fluorene	10.18	166	788803	44.28	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	202461	46.79	ng		98
59) Diethylphthalate	10.08	149	968362	47.09	ng		95
60) 4-Chlorophenyl-phenylether	10.18	204	385897	45.70	ng	#	79
61) 4-Nitroaniline	10.23	138	187447	37.50	ng	#	72
62) Azobenzene	10.34	77	1066305	45.00	ng		87
64) 4,6-Dinitro-2-methylphenol	10.26	198	151569	43.87	ng		90
65) n-Nitrosodiphenylamine	10.31	169	784036	47.49	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	224802	41.67	ng		96
67) Hexachlorobenzene	10.73	284	288877	46.19	ng		98
68) Atrazine	10.84	200	238891	44.36	ng		95
69) Pentachlorophenol	10.94	266	265616	113.04	ng		98
70) Phenanthrene	11.14	178	1275453	44.83	ng		99
71) Anthracene	11.19	178	1233138	42.85	ng		100
72) Carbazole	11.35	167	1120673	42.63	ng		98
73) Di-n-butylphthalate	11.69	149	1530035	50.67	ng		99
74) Fluoranthene	12.32	202	1351984	47.43	ng		95
76) Benzidine	12.46	184	44750	4.19	ng		97
77) Pyrene	12.55	202	1386659	52.42	ng		100
79) Butylbenzylphthalate	13.18	149	654384	58.60	ng		90
80) Benzo(a)anthracene	13.73	228	1073644	50.71	ng		100
81) 3,3'-Dichlorobenzidine	13.70	252	154679	11.48	ng	#	96
82) Chrysene	13.77	228	1143160	55.81	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	794095	58.43	ng		98
84) Di-n-octyl phthalate	14.34	149	1350123	57.67	ng	#	83
85) Indeno(1,2,3-cd)pyrene	16.34	276	898512	49.97	ng		95
87) Benzo(b)fluoranthene	14.73	252	1050639m	41.03	ng		
88) Benzo(k)fluoranthene	14.75	252	945877m	49.62	ng		
89) Benzo(a)pyrene	15.05	252	969680	45.30	ng	#	96
90) Dibenzo(a,h)anthracene	16.35	278	757308	42.02	ng	#	92
91) Benzo(g,h,i)perylene	16.71	276	734703	40.36	ng		93

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

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