Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF080417\
Data File : BF097368.D
Acq On : 4 Aug 2017 21:03
Operator : SJ/JU
Sample : I4591-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GRAVEL-PILEMS

Manual Integrations APPROVED

Quant Time: Aug 07 11:57:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration

Sohil

8/7/2017 6:10:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	113059	20.00	ng		-0.06
21) Naphthalene-d8	7.72	136	468365	20.00	ng		-0.06
38) Acenaphthene-d10	9.46	164	189297	20.00	ng		-0.07
63) Phenanthrene-d10	10.93	188	297401	20.00	ng		-0.07
75) Chrysene-d12	13.56	240	171192	20.00	ng		-0.07
86) Perylene-d12	14.89	264	167914	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	792659	105.69	ng		-0.05
7) Phenol-d6	6.12	99	806757	94.23	ng		-0.05
23) Nitrobenzene-d5	7.02	82	525305	65.80	ng		-0.06
41) 2,4,6-Tribromophenol	10.25	330	131409	87.86	ng		-0.07
44) 2-Fluorobiphenyl	8.80	172	712645	63.89	ng		-0.07
78) Terphenyl-d14	12.52	244	454486	54.13	ng		-0.07
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	95663	30.566	ng	#	76
3) Pyridine	2.60	79	312723	32.631	ng	#	63
4) n-Nitrosodimethylamine	2.55	42	191965	36.156	ng		80
6) Aniline	6.10	93	201978	18.746	ng		98
8) 2-Chlorophenol	6.23	128	275098	34.304	ng		93
9) Benzaldehyde	5.98	77	135142	26.666	ng		95
10) Phenol	6.13	94	339923	33.471	ng		96
11) bis(2-Chloroethyl)ether	6.19	93	239879	29.864	ng		90
12) 1,3-Dichlorobenzene	6.38	146	274931	31.812	ng		99
13) 1,4-Dichlorobenzene	6.46	146	270909	31.631	ng		95
14) 1,2-Dichlorobenzene	6.61	146	239463	32.022	ng		98
15) Benzyl Alcohol	6.60	79	223085	41.154	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.73	45	622704	38.652	ng		93
17) 2-Methylphenol	6.75	107	237349	38.348	ng		98
18) Hexachloroethane	6.95	117	92609	29.556	ng	#	78
19) n-Nitroso-di-n-propylamine	6.87	70	217252	38.549	ng	#	80
20) 3+4-Methylphenols	6.90	107	309524	38.290	ng	#	61
22) Acetophenone	6.86	105	409100	36.372	ng	#	97
24) Nitrobenzene	7.03	77	277770	33.406	ng		92
25) Isophorone	7.27	82	499792	31.965	ng		98
26) 2-Nitrophenol	7.35	139	134554	29.910	ng	#	86
27) 2,4-Dimethylphenol	7.42	122	259076	34.912	ng		96
28) bis(2-Chloroethoxy)methane	7.49	93	382911	37.528	ng		98
29) 2,4-Dichlorophenol	7.61	162	238739	37.345	ng		95
30) 1,2,4-Trichlorobenzene	7.67	180	197791	32.459	ng		98
31) Naphthalene	7.75	128	766281	34.708	ng		99
33) 4-Chloroaniline	7.81	127	122654	13.653	ng		98
34) Hexachlorobutadiene	7.87	225	98079	30.361	ng		98
35) Caprolactam	8.18	113	79765m	38.911	ng		
36) 4-Chloro-3-methylphenol	8.32	107	237183	34.007	ng		90
37) 2-Methylnaphthalene	8.43	142	491624	35.169	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	176350	34.914	ng		99
40) Hexachlorocyclopentadiene	8.59	237	19941	16.951	ng		99
42) 2,4,6-Trichlorophenol	8.73	196	119923	32.763	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.78	196	114910	31.365	ng		98
45) 1,1'-Biphenyl	8.90	154	539421	33.362	ng		98
46) 2-Chloronaphthalene	8.92	162	414293	34.820	ng		94
47) 2-Nitroaniline	9.03	65	163990	37.978	ng		97
48) Acenaphthylene	9.33	152	615919	33.725	ng		98
49) Dimethylphthalate	9.20	163	691696	48.118	ng		100
50) 2,6-Dinitrotoluene	9.27	165	111219	36.479	ng	#	66
51) Acenaphthene	9.50	154	365123	33.941	ng		99
52) 3-Nitroaniline	9.44	138	111186	29.381	ng		91
54) Dibenzofuran	9.67	168	531411	37.087	ng		96
55) 4-Nitrophenol	9.65	139	82741m	36.766	ng		
56) 2,4-Dinitrotoluene	9.68	165	126676	36.143	ng	#	84
57) Fluorene	10.01	166	389970	36.211	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.80	232	89902	35.540	ng		98
59) Diethylphthalate	9.90	149	488459	37.038	ng		98
60) 4-Chlorophenyl-phenylether	10.00	204	158616	35.667	ng		100
61) 4-Nitroaniline	10.05	138	114399	31.815	ng		91
62) Azobenzene	10.16	77	458183	37.450	ng		92
64) 4,6-Dinitro-2-methylphenol	10.10	198	6944	3.758	ng		85
65) n-Nitrosodiphenylamine	10.13	169	382850	36.998	ng		98
66) 4-Bromophenyl-phenylether	10.49	248	103189	34.768	ng		93
67) Hexachlorobenzene	10.56	284	100610	30.229	ng	#	84
68) Atrazine	10.66	200	109426	36.878	ng		95
69) Pentachlorophenol	10.76	266	59664	43.326	ng		97
70) Phenanthrene	10.96	178	558321	35.038	ng		99
71) Anthracene	11.01	178	551750	33.807	ng		99
72) Carbazole	11.17	167	540333	33.663	ng		98
73) Di-n-butylphthalate	11.52	149	680573	34.301	ng		98
74) Fluoranthene	12.14	202	501898	32.151	ng		99
76) Benzidine	12.27	184	90381	14.229	ng		97
77) Pyrene	12.36	202	492794	35.162	ng		99
79) Butylbenzylphthalate	12.99	149	228317	32.026	ng	#	81
80) Benzo(a)anthracene	13.54	228	369658	33.372	ng		100
81) 3,3'-Dichlorobenzidine	13.52	252	106492	25.494	ng	#	97
82) Chrysene	13.58	228	362047	33.473	ng		99
83) Bis(2-ethylhexyl)phthalate	13.56	149	295769	31.776	ng		100
84) Di-n-octyl phthalate	14.16	149	516874	30.259	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.10	276	267857	28.881	ng		98
87) Benzo(b)fluoranthene	14.54	252	349776	34.653	ng		97
88) Benzo(k)fluoranthene	14.57	252	295917	30.766	ng		97
89) Benzo(a)pyrene	14.84	252	308668	33.413	ng		98
90) Dibenzo(a,h)anthracene	16.10	278	219746	29.007	ng		95
91) Benzo(g,h,i)perylene	16.44	276	220698	27.781	ng		99

Sohil
8/7/2017 6:10:00 PM

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

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