Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
Data File : BF092349.D
Acq On : 18 Jan 2017 14:11
Operator : UM/SJ
Sample : SPK CHK2
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPK CHK2

Quant Time: Jan 19 02:26:43 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 01:06:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	146084	20.00	ng		0.00
21) Naphthalene-d8	7.83	136	792857	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	405720	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	632314	20.00	ng		0.00
75) Chrysene-d12	13.69	240	346948	20.00	ng		-0.01
86) Perylene-d12	15.03	264	352202	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.34	99	26491	2.48	ng		0.11
23) Nitrobenzene-d5	7.04	82	42169	2.96	ng		-0.08
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	8.88	172	1016	-15.15	ng		-0.03
78) Terphenyl-d14	12.63	244	553	0.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	254869	59.17	ng	#	92
3) Pyridine	2.63	79	559115	37.19	ng		97
4) n-Nitrosodimethylamine	2.61	42	281964	49.72	ng		98
6) Aniline	6.20	93	507151	36.55	ng	#	47
8) 2-Chlorophenol	6.34	128	527672	53.02	ng		90
9) Benzaldehyde	6.08	77	469123	Below Cal			95
10) Phenol	6.22	94	742133	60.97	ng	#	72
11) bis(2-Chloroethyl)ether	6.28	93	497043	51.32	ng		95
12) 1,3-Dichlorobenzene	6.47	146	547372	51.52	ng	#	88
13) 1,4-Dichlorobenzene	6.55	146	554513	51.28	ng		98
14) 1,2-Dichlorobenzene	6.71	146	504634	53.78	ng		98
15) Benzyl Alcohol	6.71	79	449221	54.12	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.84	45	725902	50.33	ng	#	37
17) 2-Methylphenol	6.84	107	414233	51.75	ng	#	90
18) Hexachloroethane	7.04	117	212922	53.11	ng	#	85
19) n-Nitroso-di-n-propylamine	6.98	70	408097	57.43	ng		97
20) 3+4-Methylphenols	7.00	107	597485	62.59	ng	#	73
22) Acetophenone	6.96	105	791484	40.47	ng		94
24) Nitrobenzene	7.14	77	601247	39.59	ng		94
25) Isophorone	7.39	82	1076660	40.93	ng		99
26) 2-Nitrophenol	7.46	139	311751	41.63	ng		99
27) 2,4-Dimethylphenol	7.51	122	470016	37.84	ng		100
28) bis(2-Chloroethoxy)methane	7.60	93	818902	51.33	ng		100
29) 2,4-Dichlorophenol	7.71	162	557663	53.02	ng		87
30) 1,2,4-Trichlorobenzene	7.78	180	569462	49.41	ng		96
31) Naphthalene	7.86	128	1962034	54.07	ng		99
32) Benzoic acid	7.68	122	384519	41.74	ng		96
33) 4-Chloroaniline	7.91	127	398567	24.36	ng		98
34) Hexachlorobutadiene	7.97	225	301599	49.57	ng		99
35) Caprolactam	8.30	113	171742m	49.69	ng		
36) 4-Chloro-3-methylphenol	8.43	107	601008	49.66	ng		96
37) 2-Methylnaphthalene	8.54	142	1235560	70.34	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	514193	50.16	ng		98
40) Hexachlorocyclopentadiene	8.70	237	381491	83.39	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	348711	48.64	ng		99
43) 2,4,5-Trichlorophenol	8.88	196	372862	50.54	ng		94
45) 1,1'-Biphenyl	9.01	154	1500329	54.01	ng		97
46) 2-Chloronaphthalene	9.03	162	1146787	52.13	ng		99
47) 2-Nitroaniline	9.15	65	371001	47.36	ng	#	69
48) Acenaphthylene	9.44	152	1727463	51.06	ng		99
49) Dimethylphthalate	9.33	163	1364177	52.57	ng		100
50) 2,6-Dinitrotoluene	9.39	165	276719	48.72	ng	#	80
51) Acenaphthene	9.62	154	1098946	47.91	ng		99
52) 3-Nitroaniline	9.56	138	233677	33.25	ng	#	75
53) 2,4-Dinitrophenol	9.67	184	269018	85.13	ng	#	73
54) Dibenzofuran	9.79	168	1418579	45.79	ng		100
55) 4-Nitrophenol	9.75	139	318132m	66.66	ng		
56) 2,4-Dinitrotoluene	9.80	165	382727	53.69	ng	#	71
57) Fluorene	10.13	166	1152475	51.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	289886	49.68	ng		93
59) Diethylphthalate	10.02	149	1227558	48.71	ng		99
60) 4-Chlorophenyl-phenylether	10.13	204	490157	49.67	ng	#	75
61) 4-Nitroaniline	10.18	138	343835	47.20	ng		80
62) Azobenzene	10.28	77	1405398	50.65	ng		97
64) 4,6-Dinitro-2-methylphenol	10.21	198	194166	50.78	ng		95
65) n-Nitrosodiphenylamine	10.24	169	935162	49.84	ng		100
66) 4-Bromophenyl-phenylether	10.61	248	332669	50.58	ng		93
67) Hexachlorobenzene	10.68	284	364183	51.80	ng	#	89
68) Atrazine	10.78	200	287429	47.49	ng		98
69) Pentachlorophenol	10.88	266	254281	73.71	ng		100
70) Phenanthrene	11.08	178	1564037	45.62	ng		99
71) Anthracene	11.14	178	1784253	77.75	ng		99
72) Carbazole	11.30	167	1424378	57.76	ng		99
73) Di-n-butylphthalate	11.64	149	1951630	61.58	ng	#	98
74) Fluoranthene	12.27	202	1611544	54.37	ng		92
76) Benzidine	12.39	184	197583	18.89	ng		96
77) Pyrene	12.49	202	1472788	57.86	ng		99
79) Butylbenzylphthalate	13.13	149	775187	66.96	ng	#	84
80) Benzo(a)anthracene	13.67	228	1095842	55.96	ng		100
81) 3,3'-Dichlorobenzidine	13.65	252	320098	43.10	ng	#	94
82) Chrysene	13.71	228	947779	48.25	ng		99
83) Bis(2-ethylhexyl)phthalate	13.69	149	926773	67.97	ng		99
84) Di-n-octyl phthalate	14.29	149	1509049	59.75	ng		98
85) Indeno(1,2,3-cd)pyrene	16.26	276	1205108	70.81	ng		98
87) Benzo(b)fluoranthene	14.68	252	1181105m	53.86	ng		
88) Benzo(k)fluoranthene	14.70	252	814391m	43.55	ng		
89) Benzo(a)pyrene	14.99	252	1013053	52.05	ng	#	96
90) Dibenzo(a,h)anthracene	16.27	278	990383	61.91	ng		97
91) Benzo(g,h,i)perylene	16.62	276	1100541	66.16	ng		97

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

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