Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011317\
Data File : BF092268.D
Acq On : 14 Jan 2017 3:34
Operator : UM/SJ
Sample : I1147-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOD-SB-01-0-2MS

Manual Integrations APPROVED
Sohil
1/16/2017 8:39:26 AM

Quant Time: Jan 16 03:05:07 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	206947	20.00	ng		-0.01
21) Naphthalene-d8	7.87	136	769352	20.00	ng		-0.01
38) Acenaphthene-d10	9.62	164	328061	20.00	ng		-0.01
63) Phenanthrene-d10	11.09	188	450802	20.00	ng		-0.01
75) Chrysene-d12	13.72	240	283222	20.00	ng		-0.01
86) Perylene-d12	15.07	264	302320	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.18	112	1597242	128.87	ng		0.01
7) Phenol-d6	6.26	99	2141258	141.51	ng		0.00
23) Nitrobenzene-d5	7.15	82	1291140	93.32	ng		-0.01
41) 2,4,6-Tribromophenol	10.40	330	300257	110.59	ng		-0.01
44) 2-Fluorobiphenyl	8.94	172	1646953	106.06	ng		-0.01
78) Terphenyl-d14	12.67	244	1034517	88.59	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	222872	36.53	ng		95
3) Pyridine	2.70	79	481902	22.63	ng		96
4) n-Nitrosodimethylamine	2.66	42	272186	33.88	ng		94
6) Aniline	6.24	93	460403	23.43	ng	#	60
8) 2-Chlorophenol	6.37	128	512056	36.32	ng		92
9) Benzaldehyde	6.12	77	37144	3.06	ng		97
10) Phenol	6.27	94	778989	45.18	ng	#	64
11) bis(2-Chloroethyl)ether	6.32	93	541633	39.48	ng		97
12) 1,3-Dichlorobenzene	6.52	146	513751	34.14	ng		98
13) 1,4-Dichlorobenzene	6.59	146	611926m	39.95	ng		
14) 1,2-Dichlorobenzene	6.75	146	516272	38.84	ng		99
15) Benzyl Alcohol	6.74	79	410009	34.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.87	45	768058	37.59	ng		55
17) 2-Methylphenol	6.87	107	412799	36.41	ng	#	87
18) Hexachloroethane	7.09	117	201621	35.50	ng	#	88
19) n-Nitroso-di-n-propylamine	7.01	70	398547	39.59	ng		97
20) 3+4-Methylphenols	7.02	107	583151	43.12	ng	#	71
22) Acetophenone	7.00	105	785228	41.38	ng	#	92
24) Nitrobenzene	7.17	77	583869	39.62	ng		95
25) Isophorone	7.41	82	1055178	41.34	ng		95
26) 2-Nitrophenol	7.49	139	331571	45.63	ng	#	85
27) 2,4-Dimethylphenol	7.55	122	484271	40.18	ng		97
28) bis(2-Chloroethoxy)methane	7.63	93	703147	45.43	ng		99
29) 2,4-Dichlorophenol	7.74	162	465862	45.64	ng		92
30) 1,2,4-Trichlorobenzene	7.81	180	473506	42.34	ng		96
31) Naphthalene	7.89	128	1572228	44.65	ng		98
32) Benzoic acid	7.66	122	32143	3.60	ng		93
33) 4-Chloroaniline	7.95	127	268250	16.90	ng		97
34) Hexachlorobutadiene	8.00	225	211494	35.82	ng		99
35) Caprolactam	8.32	113	105709	31.52	ng	#	62
36) 4-Chloro-3-methylphenol	8.46	107	384932	32.78	ng	#	84
37) 2-Methylnaphthalene	8.58	142	829814	36.34	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	375866	45.35	ng		100
40) Hexachlorocyclopentadiene	8.74	237	79688	24.49	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	237706	41.01	ng		99
43) 2,4,5-Trichlorophenol	8.92	196	238478	39.98	ng		97
45) 1,1'-Biphenyl	9.04	154	1045196	46.53	ng		98
46) 2-Chloronaphthalene	9.07	162	776734	43.66	ng		99
47) 2-Nitroaniline	9.17	65	226604	35.78	ng		99
48) Acenaphthylene	9.48	152	1144360	41.83	ng		98
49) Dimethylphthalate	9.35	163	1061050	50.57	ng		98
50) 2,6-Dinitrotoluene	9.42	165	203663	44.35	ng	#	86
51) Acenaphthene	9.65	154	802901	43.29	ng		100
52) 3-Nitroaniline	9.58	138	152907	26.90	ng		98
53) 2,4-Dinitrophenol	9.71	184	34367	13.45	ng	#	85
54) Dibenzofuran	9.82	168	1031443	41.18	ng		96
55) 4-Nitrophenol	9.78	139	210781m	54.62	ng		
56) 2,4-Dinitrotoluene	9.82	165	224156	38.89	ng	#	85
57) Fluorene	10.16	166	799254	43.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	175330	37.16	ng		98
59) Diethylphthalate	10.05	149	811846	39.84	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	313589	39.30	ng		99
61) 4-Nitroaniline	10.20	138	196862	33.43	ng		93
62) Azobenzene	10.31	77	874073	38.96	ng		98
64) 4,6-Dinitro-2-methylphenol	10.23	198	66682	24.46	ng		83
65) n-Nitrosodiphenylamine	10.28	169	656060	49.04	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	219301	46.77	ng	#	84
67) Hexachlorobenzene	10.70	284	197909	39.48	ng	#	71
68) Atrazine	10.82	200	199716	46.28	ng		98
69) Pentachlorophenol	10.91	266	153197	62.29	ng		97
70) Phenanthrene	11.11	178	1322053	54.08	ng		99
71) Anthracene	11.17	178	1141857	58.82	ng		97
72) Carbazole	11.33	167	964270	50.85	ng		97
73) Di-n-butylphthalate	11.67	149	1135301	49.42	ng	#	96
74) Fluoranthene	12.29	202	1421748	68.27	ng		100
76) Benzidine	12.43	184	157886	18.41	ng		96
77) Pyrene	12.52	202	1225606	58.98	ng		99
79) Butylbenzylphthalate	13.15	149	386589	40.90	ng		93
80) Benzo(a)anthracene	13.71	228	1021915	63.92	ng		99
81) 3,3'-Dichlorobenzidine	13.67	252	204079	33.66	ng		95
82) Chrysene	13.74	228	729106	45.47	ng		98
83) Bis(2-ethylhexyl)phthalate	13.72	149	557440	50.08	ng	#	97
84) Di-n-octyl phthalate	14.33	149	937950	45.49	ng		99
85) Indeno(1,2,3-cd)pyrene	16.31	276	850195	61.20	ng		99
87) Benzo(b)fluoranthene	14.71	252	1129249m	60.00	ng		
88) Benzo(k)fluoranthene	14.74	252	631824m	39.37	ng		
89) Benzo(a)pyrene	15.02	252	857711	51.34	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	664822	48.42	ng		98
91) Benzo(g,h,i)perylene	16.68	276	709200	49.67	ng		96

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

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