Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022817\
Data File : BF093256.D
Acq On : 28 Feb 2017 18:47
Operator : SJ/MA
Sample : I2017-09MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK3-6-20170227MSD

Manual Integrations APPROVED
mohammad
3/1/2017 4:06:26 PM

Quant Time: Mar 01 02:40:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149509	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	537302	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	221856	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	353310	20.00	ng		-0.05
75) Chrysene-d12	13.99	240	283259	20.00	ng		-0.03
86) Perylene-d12	15.41	264	231999	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1072113	123.03	ng		-0.02
7) Phenol-d6	6.48	99	1295957	115.58	ng		-0.01
23) Nitrobenzene-d5	7.38	82	774601	80.28	ng		-0.05
41) 2,4,6-Tribromophenol	10.65	330	193634	120.67	ng		-0.03
44) 2-Fluorobiphenyl	9.17	172	1084784	88.58	ng		-0.05
78) Terphenyl-d14	12.92	244	792322	65.72	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	164357	34.90	ng		86
3) Pyridine	3.09	79	436114	36.42	ng		87
4) n-Nitrosodimethylamine	3.05	42	228553	40.65	ng		84
6) Aniline	6.49	93	261603	17.10	ng	#	61
8) 2-Chlorophenol	6.60	128	376551	39.17	ng		99
9) Benzaldehyde	6.35	77	126345	15.73	ng		87
10) Phenol	6.49	94	542873	41.38	ng	#	77
11) bis(2-Chloroethyl)ether	6.54	93	408860	39.05	ng		93
12) 1,3-Dichlorobenzene	6.75	146	421575	37.44	ng		98
13) 1,4-Dichlorobenzene	6.82	146	407779	35.78	ng		98
14) 1,2-Dichlorobenzene	6.98	146	404817	37.15	ng		96
15) Benzyl Alcohol	6.96	79	293952	35.41	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.09	45	655876	36.05	ng		71
17) 2-Methylphenol	7.09	107	303027	36.74	ng	#	87
18) Hexachloroethane	7.31	117	112435	28.90	ng	#	83
19) n-Nitroso-di-n-propylamine	7.23	70	302896	42.44	ng		97
20) 3+4-Methylphenols	7.24	107	415063	42.09	ng	#	71
22) Acetophenone	7.22	105	509126	41.50	ng		98
24) Nitrobenzene	7.40	77	415878	41.98	ng	#	86
25) Isophorone	7.64	82	729019	40.55	ng		96
26) 2-Nitrophenol	7.71	139	160961	34.18	ng	#	87
27) 2,4-Dimethylphenol	7.77	122	326668	39.50	ng		93
28) bis(2-Chloroethoxy)methane	7.85	93	490294	41.17	ng		99
29) 2,4-Dichlorophenol	7.97	162	294939	38.23	ng		96
30) 1,2,4-Trichlorobenzene	8.04	180	315560	37.96	ng		98
31) Naphthalene	8.12	128	1004430	36.88	ng		98
32) Benzoic acid	7.86	122	10173m	9.01	ng		
33) 4-Chloroaniline	8.18	127	158075	14.80	ng		98
34) Hexachlorobutadiene	8.24	225	158685	34.70	ng		98
35) Caprolactam	8.54	113	89496	36.88	ng	#	47
36) 4-Chloro-3-methylphenol	8.67	107	287496	35.75	ng		100
37) 2-Methylnaphthalene	8.81	142	611832	34.99	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	276745	44.44	ng		97
40) Hexachlorocyclopentadiene	8.96	237	13345	4.75	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	180494	44.11	ng		92
43) 2,4,5-Trichlorophenol	9.15	196	175883	39.23	ng	#	84
45) 1,1'-Biphenyl	9.28	154	725345	45.15	ng		99
46) 2-Chloronaphthalene	9.30	162	579142	46.08	ng		98
47) 2-Nitroaniline	9.40	65	205649	48.67	ng		96
48) Acenaphthylene	9.71	152	1094044	50.39	ng		99
49) Dimethylphthalate	9.57	163	730914	48.91	ng		99
50) 2,6-Dinitrotoluene	9.64	165	128563	39.84	ng	#	84
51) Acenaphthene	9.88	154	512384	39.48	ng		96
52) 3-Nitroaniline	9.81	138	135624	36.72	ng		96
53) 2,4-Dinitrophenol	9.95	184	913	5.26	ng	#	1
54) Dibenzofuran	10.05	168	720512	41.50	ng		96
55) 4-Nitrophenol	10.00	139	164985	62.02	ng	#	86
56) 2,4-Dinitrotoluene	10.05	165	147805	34.40	ng	#	90
57) Fluorene	10.40	166	559510	41.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	125316	41.90	ng		98
59) Diethylphthalate	10.27	149	595764	42.30	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	231200	36.03	ng		96
61) 4-Nitroaniline	10.43	138	151429	40.03	ng		81
62) Azobenzene	10.54	77	613817	42.19	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	4447	4.62	ng	#	1
65) n-Nitrosodiphenylamine	10.51	169	494749	43.84	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	138555	37.54	ng		99
67) Hexachlorobenzene	10.94	284	132505	36.33	ng	#	79
68) Atrazine	11.04	200	131908	36.42	ng		98
69) Pentachlorophenol	11.15	266	131020	70.52	ng		97
70) Phenanthrene	11.37	178	1721948	85.07	ng		98
71) Anthracene	11.41	178	987778	48.59	ng		98
72) Carbazole	11.57	167	813957	41.89	ng		98
73) Di-n-butylphthalate	11.89	149	1569862	74.70	ng		99
74) Fluoranthene	12.56	202	2026606	97.06	ng		98
77) Pyrene	12.78	202	1921630	90.65	ng		99
79) Butylbenzylphthalate	13.39	149	392051	45.54	ng		99
80) Benzo(a)anthracene	13.97	228	1421662	82.06	ng		95
81) 3,3'-Dichlorobenzidine	13.94	252	126857	20.54	ng	#	92
82) Chrysene	14.01	228	1113640	68.66	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	651810	55.37	ng		99
84) Di-n-octyl phthalate	14.57	149	933038	48.67	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	798907	63.59	ng		95
87) Benzo(b)fluoranthene	15.01	252	1572192m	102.96	ng		
88) Benzo(k)fluoranthene	15.04	252	602392m	45.69	ng		
89) Benzo(a)pyrene	15.36	252	939210	71.11	ng		98
90) Dibenzo(a,h)anthracene	16.82	278	432386	40.50	ng		95
91) Benzo(g,h,i)perylene	17.24	276	752638	69.79	ng	#	91

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

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