Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
Data File : BF092138.D
Acq On : 9 Jan 2017 15:05
Operator : UM/SJ
Sample : I1073-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMPMS

Manual Integrations APPROVED
Sohil
1/10/2017 10:01:10 AM

Quant Time: Jan 09 15:55:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	211745	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	733427	20.00	ng		-0.01
38) Acenaphthene-d10	9.67	164	374734	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	616981	20.00	ng		-0.01
75) Chrysene-d12	13.79	240	448811	20.00	ng		0.00
86) Perylene-d12	15.15	264	409632	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1542001	121.60	ng		0.01
7) Phenol-d6	6.31	99	1957722	126.45	ng		0.00
23) Nitrobenzene-d5	7.20	82	1177096	89.24	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	423831	136.67	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	1909382	107.87	ng		0.00
78) Terphenyl-d14	12.73	244	1524214	82.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	230423	36.91	ng		96
3) Pyridine	2.81	79	556592	25.54	ng		96
4) n-Nitrosodimethylamine	2.77	42	289036	35.16	ng		99
6) Aniline	6.30	93	503237	25.02	ng	#	51
8) 2-Chlorophenol	6.42	128	609987	42.29	ng		100
9) Benzaldehyde	6.17	77	52300	4.32	ng		99
10) Phenol	6.32	94	917945	52.03	ng	#	69
11) bis(2-Chloroethyl)ether	6.38	93	658565	46.91	ng		96
12) 1,3-Dichlorobenzene	6.57	146	654169	42.48	ng		98
13) 1,4-Dichlorobenzene	6.65	146	592020	37.77	ng		93
14) 1,2-Dichlorobenzene	6.80	146	520014	38.24	ng		100
15) Benzyl Alcohol	6.79	79	423805	35.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	706690	33.80	ng	#	37
17) 2-Methylphenol	6.93	107	406406	35.03	ng	#	91
18) Hexachloroethane	7.14	117	196013	33.73	ng		97
19) n-Nitroso-di-n-propylamine	7.06	70	418579	40.64	ng		95
20) 3+4-Methylphenols	7.09	107	601141	43.44	ng	#	70
22) Acetophenone	7.05	105	785483	43.42	ng	#	92
24) Nitrobenzene	7.22	77	622846	44.34	ng		93
25) Isophorone	7.46	82	1149063	47.22	ng		96
26) 2-Nitrophenol	7.54	139	327405	47.26	ng	#	85
27) 2,4-Dimethylphenol	7.60	122	470044	40.91	ng		98
28) bis(2-Chloroethoxy)methane	7.68	93	607707	41.18	ng		98
29) 2,4-Dichlorophenol	7.80	162	428437	44.03	ng		90
30) 1,2,4-Trichlorobenzene	7.86	180	428990	40.24	ng		96
31) Naphthalene	7.94	128	1506727	44.89	ng		99
32) Benzoic acid	7.75	122	268975	31.56	ng		98
33) 4-Chloroaniline	8.00	127	250773	16.57	ng		96
34) Hexachlorobutadiene	8.06	225	236518	42.03	ng		99
35) Caprolactam	8.38	113	135437m	42.36	ng		
36) 4-Chloro-3-methylphenol	8.52	107	490131	43.78	ng		94
37) 2-Methylnaphthalene	8.63	142	926061	45.82	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	380994	40.24	ng	#	98
40) Hexachlorocyclopentadiene	8.79	237	328825	78.09	ng		96

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Quant Time: Jan 09 15:55:07 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	283010	42.74	ng		98
43) 2,4,5-Trichlorophenol	8.97	196	267779	39.30	ng		93
45) 1,1'-Biphenyl	9.10	154	1080367	42.11	ng		97
46) 2-Chloronaphthalene	9.12	162	861325	42.39	ng		95
47) 2-Nitroaniline	9.22	65	265236	36.66	ng		97
48) Acenaphthylene	9.53	152	1277573	40.88	ng		99
49) Dimethylphthalate	9.42	163	1555119	64.88	ng		100
50) 2,6-Dinitrotoluene	9.48	165	256356	48.87	ng		97
51) Acenaphthene	9.70	154	814650	38.45	ng		98
52) 3-Nitroaniline	9.64	138	138628	21.35	ng		97
53) 2,4-Dinitrophenol	9.75	184	185750	63.64	ng	#	62
54) Dibenzofuran	9.88	168	1126516	39.37	ng		99
55) 4-Nitrophenol	9.84	139	358225	81.27	ng		93
56) 2,4-Dinitrotoluene	9.88	165	286900	43.57	ng	#	84
57) Fluorene	10.22	166	880402	42.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	226206	41.97	ng		99
59) Diethylphthalate	10.10	149	1007813	43.30	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	420225	46.10	ng	#	84
61) 4-Nitroaniline	10.25	138	216906	32.24	ng		96
62) Azobenzene	10.38	77	1150814	44.91	ng		84
64) 4,6-Dinitro-2-methylphenol	10.29	198	155055	41.56	ng		90
65) n-Nitrosodiphenylamine	10.33	169	829088	45.29	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	259749	40.47	ng		95
67) Hexachlorobenzene	10.77	284	298148	43.46	ng		100
68) Atrazine	10.87	200	240156	40.67	ng		97
69) Pentachlorophenol	10.97	266	286263	85.04	ng		99
70) Phenanthrene	11.18	178	1463195	43.74	ng		98
71) Anthracene	11.22	178	1317070	44.09	ng		99
72) Carbazole	11.38	167	1183766	41.54	ng		99
73) Di-n-butylphthalate	11.73	149	1596424	50.90	ng		98
74) Fluoranthene	12.36	202	1376476	47.07	ng		97
76) Benzidine	12.48	184	352626	28.02	ng		97
77) Pyrene	12.59	202	1492623	45.33	ng		99
79) Butylbenzylphthalate	13.21	149	633346	42.29	ng		97
80) Benzo(a)anthracene	13.77	228	1152476	45.49	ng		99
81) 3,3'-Dichlorobenzidine	13.74	252	287902	29.97	ng	#	97
82) Chrysene	13.81	228	1097900	43.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.79	149	873860	49.55	ng	#	96
84) Di-n-octyl phthalate	14.39	149	1568180	48.00	ng		98
85) Indeno(1,2,3-cd)pyrene	16.41	276	952240	43.25	ng		99
87) Benzo(b)fluoranthene	14.78	252	1266219m	49.65	ng		
88) Benzo(k)fluoranthene	14.80	252	783356m	36.02	ng		
89) Benzo(a)pyrene	15.10	252	968039	42.77	ng	#	94
90) Dibenzo(a,h)anthracene	16.43	278	792194	42.58	ng		98
91) Benzo(g,h,i)perylene	16.80	276	803859	41.55	ng		99

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

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