Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051716\
Data File : BF087129.D
Acq On : 18 May 2016 4:15
Operator : UM/SJ
Sample : H3085-03MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-12KMSD

Manual Integrations APPROVED
sohil
5/18/2016 6:59:30 PM

Quant Time: May 18 12:15:47 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 16:55:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	137268	20.00	ng		-0.01
21) Naphthalene-d8	7.88	136	562478	20.00	ng		-0.01
38) Acenaphthene-d10	9.63	164	272158	20.00	ng		-0.01
63) Phenanthrene-d10	11.11	188	486958	20.00	ng		-0.01
75) Chrysene-d12	13.74	240	331916	20.00	ng		-0.02
86) Perylene-d12	15.09	264	275670	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1041255	127.50	ng		-0.01
7) Phenol-d6	6.26	99	1492022	136.22	ng		-0.02
23) Nitrobenzene-d5	7.18	82	1058276	93.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.42	330	357199	118.77	ng		-0.02
44) 2-Fluorobiphenyl	8.96	172	1477075	89.88	ng		-0.02
78) Terphenyl-d14	12.70	244	1446849	98.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	141096	33.59	ng	#	61
3) Pyridine	2.72	79	379903	37.39	ng	#	65
4) n-Nitrosodimethylamine	2.68	42	303115	42.09	ng	#	48
6) Aniline	6.26	93	150769	10.84	ng	#	29
8) 2-Chlorophenol	6.39	128	392836	39.54	ng		97
9) Benzaldehyde	6.15	77	30425	3.86	ng		94
10) Phenol	6.27	94	402220	29.21	ng	#	49
11) bis(2-Chloroethyl)ether	6.34	93	411901	39.84	ng		89
12) 1,3-Dichlorobenzene	6.52	146	396475m	37.54	ng		
13) 1,4-Dichlorobenzene	6.60	146	401129m	37.12	ng		
14) 1,2-Dichlorobenzene	6.76	146	378138	39.97	ng		98
15) Benzyl Alcohol	6.75	79	351034	43.05	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	6.89	45	828202	38.97	ng		66
17) 2-Methylphenol	6.89	107	316999	38.85	ng	#	78
18) Hexachloroethane	7.10	117	157135	38.03	ng		98
19) n-Nitroso-di-n-propylamine	7.03	70	338859	40.70	ng	#	70
20) 3+4-Methylphenols	7.05	107	457184	42.47	ng	#	59
22) Acetophenone	7.02	105	574047	41.70	ng	#	99
24) Nitrobenzene	7.19	77	461623	37.46	ng		97
25) Isophorone	7.43	82	811474	39.28	ng		98
26) 2-Nitrophenol	7.51	139	224972	44.07	ng	#	84
27) 2,4-Dimethylphenol	7.56	122	315354	36.20	ng		88
28) bis(2-Chloroethoxy)methane	7.64	93	470050	41.44	ng	#	98
29) 2,4-Dichlorophenol	7.76	162	337707	43.99	ng		97
30) 1,2,4-Trichlorobenzene	7.83	180	355781	41.77	ng		98
31) Naphthalene	7.91	128	1150119	41.85	ng		100
33) 4-Chloroaniline	7.98	127	71646	6.27	ng	#	93
34) Hexachlorobutadiene	8.02	225	200021	41.38	ng		99
35) Caprolactam	8.35	113	106952m	41.84	ng		
36) 4-Chloro-3-methylphenol	8.48	107	395976	42.76	ng		93
37) 2-Methylnaphthalene	8.59	142	733309	41.71	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	332666	41.85	ng		99
40) Hexachlorocyclopentadiene	8.74	237	213801	70.67	ng		96
42) 2,4,6-Trichlorophenol	8.89	196	217921	42.27	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.94	196	224550	41.93	ng	#	87
45) 1,1'-Biphenyl	9.06	154	923533	40.92	ng		98
46) 2-Chloronaphthalene	9.08	162	717120	41.39	ng		95
47) 2-Nitroaniline	9.20	65	289778	43.65	ng		94
48) Acenaphthylene	9.50	152	1086453	41.07	ng		99
49) Dimethylphthalate	9.37	163	1049008	50.53	ng		99
50) 2,6-Dinitrotoluene	9.44	165	184254	40.87	ng	#	85
51) Acenaphthene	9.67	154	701435	42.44	ng		98
52) 3-Nitroaniline	9.61	138	102008	20.90	ng		99
53) 2,4-Dinitrophenol	9.72	184	108198	44.15	ng		91
54) Dibenzofuran	9.84	168	942737	44.11	ng		96
55) 4-Nitrophenol	9.80	139	189431m	62.17	ng		
56) 2,4-Dinitrotoluene	9.84	165	218347	37.82	ng	#	39
57) Fluorene	10.18	166	761855	44.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	179301	42.99	ng		96
59) Diethylphthalate	10.07	149	768936	38.80	ng		99
60) 4-Chlorophenyl-phenylether	10.17	204	310711	38.17	ng		96
61) 4-Nitroaniline	10.23	138	181806	37.73	ng	#	74
62) Azobenzene	10.33	77	901043	39.45	ng		84
64) 4,6-Dinitro-2-methylphenol	10.25	198	123284	38.44	ng	#	38
65) n-Nitrosodiphenylamine	10.30	169	611861	39.93	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	218880	43.71	ng	#	89
67) Hexachlorobenzene	10.72	284	227137	39.12	ng	#	65
68) Atrazine	10.83	200	198734	39.75	ng		94
69) Pentachlorophenol	10.92	266	195598	89.68	ng		98
70) Phenanthrene	11.13	178	1032591	39.10	ng		99
71) Anthracene	11.19	178	1161969	43.50	ng		99
72) Carbazole	11.35	167	942170	38.61	ng		98
73) Di-n-butylphthalate	11.68	149	1148867	40.99	ng	#	98
74) Fluoranthene	12.32	202	1110932	41.98	ng		89
76) Benzidine	12.45	184	128667	11.64	ng		98
77) Pyrene	12.54	202	1009776	42.11	ng		99
79) Butylbenzylphthalate	13.17	149	463381	45.78	ng	#	63
80) Benzo(a)anthracene	13.73	228	820177	42.74	ng		99
81) 3,3'-Dichlorobenzidine	13.69	252	114896	9.41	ng		97
82) Chrysene	13.76	228	705632	38.00	ng		99
83) Bis(2-ethylhexyl)phthalate	13.73	149	597241	48.48	ng	#	94
84) Di-n-octyl phthalate	14.34	149	1048332	49.40	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.33	276	702137	43.08	ng		95
87) Benzo(b)fluoranthene	14.73	252	871616m	47.66	ng		
88) Benzo(k)fluoranthene	14.75	252	526008m	38.63	ng		
89) Benzo(a)pyrene	15.04	252	650501	42.55	ng		98
90) Dibenzo(a,h)anthracene	16.34	278	586543	45.57	ng	#	93
91) Benzo(g,h,i)perylene	16.70	276	593759	45.68	ng		95

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

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