Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087179.D
Acq On : 19 May 2016 9:09
Operator : UM/SJ
Sample : H3120-05MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAV-GT-104MSD

Manual Integrations APPROVED
sohil
5/19/2016 7:07:46 PM

Quant Time: May 19 12:55:24 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	6.58	152	119942	20.00	ng		-0.02
21) Naphthalene-d8	7.86	136	480449	20.00	ng		-0.03
38) Acenaphthene-d10	9.61	164	221042	20.00	ng		-0.03
63) Phenanthrene-d10	11.08	188	372031	20.00	ng		-0.03
75) Chrysene-d12	13.71	240	235849	20.00	ng		-0.05
86) Perylene-d12	15.06	264	281942	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	359047	50.32	ng		-0.03
7) Phenol-d6	6.25	99	318080	33.24	ng		-0.03
23) Nitrobenzene-d5	7.15	82	794272	82.39	ng		-0.03
41) 2,4,6-Tribromophenol	10.41	330	369344	151.21	ng		-0.03
44) 2-Fluorobiphenyl	8.95	172	1311990	98.30	ng		-0.03
78) Terphenyl-d14	12.67	244	1070099	102.64	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.01	88	41617	11.34	ng	#	65
3) Pyridine	2.68	79	93273	10.50	ng	#	57
4) n-Nitrosodimethylamine	2.60	42	80651	12.82	ng	#	46
6) Aniline	6.24	93	325715	26.79	ng		99
8) 2-Chlorophenol	6.36	128	287104	33.07	ng		83
9) Benzaldehyde	6.14	77	36611	5.46	ng		98
10) Phenol	6.26	94	142227	11.82	ng	#	62
11) bis(2-Chloroethyl)ether	6.32	93	311818	34.52	ng		84
12) 1,3-Dichlorobenzene	6.51	146	295843m	32.06	ng		
13) 1,4-Dichlorobenzene	6.59	146	309326	32.76	ng		94
14) 1,2-Dichlorobenzene	6.75	146	286622	34.67	ng		95
15) Benzyl Alcohol	6.74	79	220903	31.00	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	6.87	45	715797	38.54	ng		91
17) 2-Methylphenol	6.88	107	197868	27.75	ng	#	76
18) Hexachloroethane	7.08	117	113336	31.40	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	346561	47.64	ng	#	78
20) 3+4-Methylphenols	7.03	107	260319	27.68	ng	#	61
22) Acetophenone	7.00	105	560523	47.67	ng	#	96
24) Nitrobenzene	7.18	77	455173	43.24	ng		99
25) Isophorone	7.42	82	834720	47.30	ng		99
26) 2-Nitrophenol	7.50	139	196629	45.09	ng	#	93
27) 2,4-Dimethylphenol	7.55	122	319466	42.93	ng		90
28) bis(2-Chloroethoxy)methane	7.63	93	482003	49.75	ng	#	98
29) 2,4-Dichlorophenol	7.75	162	302904	46.19	ng		98
30) 1,2,4-Trichlorobenzene	7.82	180	307494	42.26	ng		99
31) Naphthalene	7.88	128	966080	41.15	ng		99
32) Benzoic acid	7.68	122	48626	10.96	ng		84
33) 4-Chloroaniline	7.96	127	397335	40.72	ng		98
34) Hexachlorobutadiene	8.01	225	168846	40.89	ng		99
35) Caprolactam	8.35	113	15732	7.21	ng	#	53
36) 4-Chloro-3-methylphenol	8.46	107	334776	42.33	ng		99
37) 2-Methylnaphthalene	8.58	142	762784	50.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	305336	47.29	ng		99
40) Hexachlorocyclopentadiene	8.73	237	104279	45.57	ng		94

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	209192	49.96	ng		95
43) 2,4,5-Trichlorophenol	8.92	196	231175	53.15	ng	#	91
45) 1,1'-Biphenyl	9.05	154	991515	54.10	ng		99
46) 2-Chloronaphthalene	9.07	162	712759	50.66	ng		99
47) 2-Nitroaniline	9.18	65	277980	51.55	ng	#	72
48) Acenaphthylene	9.47	152	1049576	48.85	ng		99
49) Dimethylphthalate	9.36	163	876388	51.97	ng		100
50) 2,6-Dinitrotoluene	9.43	165	220188	60.14	ng		89
51) Acenaphthene	9.64	154	633292	47.18	ng		98
52) 3-Nitroaniline	9.60	138	160207	40.42	ng		91
53) 2,4-Dinitrophenol	9.71	184	125820	61.16	ng		90
54) Dibenzofuran	9.82	168	963032	55.48	ng		91
55) 4-Nitrophenol	9.80	139	60900m	34.46	ng		
56) 2,4-Dinitrotoluene	9.83	165	234982	50.11	ng	#	83
57) Fluorene	10.16	166	666314	47.78	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	192060	56.70	ng		97
59) Diethylphthalate	10.06	149	942572	58.55	ng		97
60) 4-Chlorophenyl-phenylether	10.16	204	363812	55.03	ng		92
61) 4-Nitroaniline	10.20	138	164303	41.98	ng	#	67
62) Azobenzene	10.32	77	1081736	58.32	ng		88
64) 4,6-Dinitro-2-methylphenol	10.24	198	99108	40.45	ng	#	72
65) n-Nitrosodiphenylamine	10.28	169	712271	60.84	ng		99
66) 4-Bromophenyl-phenylether	10.64	248	208503	54.50	ng	#	88
67) Hexachlorobenzene	10.71	284	252841	57.00	ng	#	87
68) Atrazine	10.82	200	220291	57.68	ng		94
69) Pentachlorophenol	10.91	266	207400	124.47	ng		98
70) Phenanthrene	11.12	178	1123260	55.67	ng		100
71) Anthracene	11.16	178	1005655	49.28	ng		100
72) Carbazole	11.34	167	1023488	54.90	ng		99
73) Di-n-butylphthalate	11.67	149	1352882	63.18	ng		99
74) Fluoranthene	12.30	202	1001693	49.55	ng		95
76) Benzidine	12.43	184	152697	19.91	ng		96
77) Pyrene	12.52	202	975002	57.22	ng		99
79) Butylbenzylphthalate	13.15	149	478075	66.47	ng		90
80) Benzo(a)anthracene	13.70	228	741334	54.36	ng		100
81) 3,3'-Dichlorobenzidine	13.68	252	205610	23.69	ng	#	97
82) Chrysene	13.75	228	767195	58.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.71	149	596405	68.13	ng		98
84) Di-n-octyl phthalate	14.32	149	1020805	67.69	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.31	276	819837	70.79	ng		95
87) Benzo(b)fluoranthene	14.71	252	911816m	48.75	ng		
88) Benzo(k)fluoranthene	14.73	252	741680m	53.26	ng		
89) Benzo(a)pyrene	15.02	252	809675	51.79	ng		98
90) Dibenzo(a,h)anthracene	16.31	278	699084	53.11	ng		97
91) Benzo(g,h,i)perylene	16.66	276	658796	49.55	ng		95

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

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