Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084676.D
Acq On : 30 Jan 2016 10:41
Operator : SJ/IZ
Sample : H1303-11MSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WESTWALL-UST-115MSD

Manual Integrations APPROVED
mohammad
2/1/2016 2:25:48 PM

Quant Time: Feb 01 01:16:12 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	177027	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	708319	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	335929	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	585497	20.00	ng		0.00
75) Chrysene-d12	13.87	240	338526	20.00	ng		0.00
86) Perylene-d12	15.25	264	319183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1613191	137.56	ng		0.02
7) Phenol-d6	6.38	99	1962231	139.60	ng		0.01
23) Nitrobenzene-d5	7.30	82	1216825	96.01	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	464673	131.98	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1740111	76.99	ng		0.00
78) Terphenyl-d14	12.83	244	1757836	117.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	195326	35.72	ng	#	75
3) Pyridine	2.97	79	489823	33.62	ng	#	77
4) n-Nitrosodimethylamine	2.92	42	311101	43.67	ng		82
6) Aniline	6.40	93	501570	27.80	ng	#	1
8) 2-Chlorophenol	6.51	128	550655	42.33	ng		86
9) Benzaldehyde	6.27	77	28464	3.50	ng		88
10) Phenol	6.40	94	836983	53.43	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	577503	47.40	ng	#	81
12) 1,3-Dichlorobenzene	6.66	146	575156m	41.27	ng		
13) 1,4-Dichlorobenzene	6.74	146	568232	41.54	ng		97
14) 1,2-Dichlorobenzene	6.90	146	593410	47.12	ng		98
15) Benzyl Alcohol	6.88	79	456288	47.69	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.01	45	877597	42.08	ng		89
17) 2-Methylphenol	7.00	107	508231	50.40	ng		95
18) Hexachloroethane	7.24	117	231929	43.34	ng	#	84
19) n-Nitroso-di-n-propylamine	7.15	70	394625	45.96	ng	#	72
20) 3+4-Methylphenols	7.15	107	596279	48.73	ng	#	61
22) Acetophenone	7.14	105	853198	46.12	ng	#	98
24) Nitrobenzene	7.32	77	602183	44.70	ng	#	80
25) Isophorone	7.56	82	1164187	49.03	ng		96
26) 2-Nitrophenol	7.63	139	308256	48.12	ng	#	84
27) 2,4-Dimethylphenol	7.69	122	545183	48.57	ng		88
28) bis(2-Chloroethoxy)methane	7.78	93	710586	49.86	ng	#	97
29) 2,4-Dichlorophenol	7.88	162	512932	52.24	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	504267	44.91	ng		96
31) Naphthalene	8.03	128	1540011	43.07	ng		99
32) Benzoic acid	7.79	122	151682	17.60	ng		96
33) 4-Chloroaniline	8.09	127	166076	11.42	ng		96
34) Hexachlorobutadiene	8.16	225	296864	44.74	ng		99
35) Caprolactam	8.46	113	152837m	54.24	ng		
36) 4-Chloro-3-methylphenol	8.59	107	584983	54.11	ng		99
37) 2-Methylnaphthalene	8.73	142	1129174	51.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	443983	40.75	ng		98
40) Hexachlorocyclopentadiene	8.89	237	455936	92.05	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	344881	50.96	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	337115	48.25	ng	#	91
45) 1,1'-Biphenyl	9.20	154	1363493	44.29	ng		96
46) 2-Chloronaphthalene	9.22	162	991503	44.14	ng	#	88
47) 2-Nitroaniline	9.31	65	319350	47.34	ng		98
48) Acenaphthylene	9.63	152	1590492	46.73	ng		98
49) Dimethylphthalate	9.50	163	1522488	60.39	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	280313	50.53	ng	#	72
51) Acenaphthene	9.80	154	1020840	44.79	ng		97
52) 3-Nitroaniline	9.72	138	139807	24.12	ng		96
53) 2,4-Dinitrophenol	9.84	184	239131	87.36	ng		89
54) Dibenzofuran	9.97	168	1396475	51.34	ng		96
55) 4-Nitrophenol	9.90	139	368712	86.60	ng	#	79
56) 2,4-Dinitrotoluene	9.96	165	328012	45.51	ng	#	86
57) Fluorene	10.32	166	1086544	47.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	269644	51.04	ng		90
59) Diethylphthalate	10.20	149	1200330	48.63	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	435119	42.04	ng		93
61) 4-Nitroaniline	10.34	138	253525	46.21	ng		92
62) Azobenzene	10.46	77	1176331	49.80	ng		90
64) 4,6-Dinitro-2-methylphenol	10.37	198	198612	51.94	ng		77
65) n-Nitrosodiphenylamine	10.43	169	941120	49.57	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	325846	49.42	ng	#	90
67) Hexachlorobenzene	10.85	284	319232	44.51	ng	#	84
68) Atrazine	10.96	200	279621	49.16	ng		99
69) Pentachlorophenol	11.06	266	373501	107.78	ng		98
70) Phenanthrene	11.26	178	1411877	43.61	ng		98
71) Anthracene	11.32	178	1603014	48.70	ng		97
72) Carbazole	11.48	167	1472553	51.91	ng		98
73) Di-n-butylphthalate	11.81	149	1569909	45.50	ng	#	96
74) Fluoranthene	12.45	202	1536973	48.02	ng		95
76) Benzidine	12.58	184	683749	53.11	ng		98
77) Pyrene	12.68	202	1455309	57.00	ng		100
79) Butylbenzylphthalate	13.31	149	664594	60.93	ng	#	85
80) Benzo(a)anthracene	13.86	228	990127	46.92	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	245495	33.06	ng	#	91
82) Chrysene	13.89	228	910615	43.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	821917	58.09	ng	#	96
84) Di-n-octyl phthalate	14.48	149	1190630	53.26	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.57	276	1060715	57.68	ng		99
87) Benzo(b)fluoranthene	14.88	252	1037430m	50.20	ng		
88) Benzo(k)fluoranthene	14.90	252	719702m	42.16	ng		
89) Benzo(a)pyrene	15.20	252	830864	46.47	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	881487	54.71	ng		98
91) Benzo(g,h,i)perylene	16.97	276	908110	55.82	ng		98

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

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