Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084670.D
Acq On : 30 Jan 2016 7:55
Operator : SJ/IZ
Sample : H1272-09MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B013(20-23)MSD

Manual Integrations APPROVED
mohammad
2/1/2016 2:25:32 PM

Quant Time: Feb 01 01:00:39 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	171665	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	680780	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	311233	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	542762	20.00	ng		0.00
75) Chrysene-d12	13.87	240	335783	20.00	ng		0.00
86) Perylene-d12	15.25	264	301052	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1459213	128.31	ng		0.02
7) Phenol-d6	6.37	99	1757456	128.94	ng		0.00
23) Nitrobenzene-d5	7.30	82	1125538	92.40	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	438468	134.42	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1677012	80.09	ng		0.00
78) Terphenyl-d14	12.83	244	1380459	92.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	186232	35.12	ng	#	77
3) Pyridine	2.97	79	511593	36.21	ng	#	77
4) n-Nitrosodimethylamine	2.92	42	289116	41.86	ng		83
6) Aniline	6.38	93	530897	30.34	ng	#	52
8) 2-Chlorophenol	6.51	128	536993	42.57	ng		91
9) Benzaldehyde	6.27	77	28576	3.62	ng		92
10) Phenol	6.40	94	622528	40.98	ng		99
11) bis(2-Chloroethyl)ether	6.46	93	502646	42.54	ng	#	82
12) 1,3-Dichlorobenzene	6.66	146	521389m	38.58	ng		
13) 1,4-Dichlorobenzene	6.74	146	532793	40.17	ng		97
14) 1,2-Dichlorobenzene	6.90	146	532297	43.58	ng		97
15) Benzyl Alcohol	6.88	79	429186	46.26	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	814162	40.26	ng		86
17) 2-Methylphenol	7.00	107	457044	46.74	ng		96
18) Hexachloroethane	7.24	117	213212	41.09	ng	#	83
19) n-Nitroso-di-n-propylamine	7.15	70	366877	44.07	ng	#	75
20) 3+4-Methylphenols	7.15	107	534289	45.02	ng	#	72
22) Acetophenone	7.14	105	753582	42.38	ng		99
24) Nitrobenzene	7.31	77	519179	40.10	ng		94
25) Isophorone	7.56	82	1035297	45.36	ng		95
26) 2-Nitrophenol	7.63	139	291442	47.33	ng	#	86
27) 2,4-Dimethylphenol	7.68	122	456238	42.29	ng		96
28) bis(2-Chloroethoxy)methane	7.77	93	621723	45.39	ng		98
29) 2,4-Dichlorophenol	7.88	162	441606	46.80	ng		93
30) 1,2,4-Trichlorobenzene	7.95	180	460747	42.69	ng		96
31) Naphthalene	8.03	128	1399928	40.74	ng		99
32) Benzoic acid	7.76	122	22999	2.78	ng		93
33) 4-Chloroaniline	8.09	127	261393	18.70	ng		96
34) Hexachlorobutadiene	8.16	225	270669	42.44	ng		99
35) Caprolactam	8.46	113	139263m	51.43	ng		
36) 4-Chloro-3-methylphenol	8.58	107	487109	46.88	ng		92
37) 2-Methylnaphthalene	8.73	142	1069382	50.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	394025	39.04	ng		99
40) Hexachlorocyclopentadiene	8.88	237	416825	90.83	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	293669	46.84	ng		93
43) 2,4,5-Trichlorophenol	9.06	196	317285	49.01	ng		97
45) 1,1'-Biphenyl	9.20	154	1197099	41.97	ng		95
46) 2-Chloronaphthalene	9.21	162	889027	42.72	ng		98
47) 2-Nitroaniline	9.31	65	269535	43.12	ng		96
48) Acenaphthylene	9.63	152	1404949	44.56	ng		98
49) Dimethylphthalate	9.50	163	1302851	55.77	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	250599	48.76	ng		95
51) Acenaphthene	9.80	154	964808	45.69	ng		97
52) 3-Nitroaniline	9.72	138	156364	29.12	ng		96
53) 2,4-Dinitrophenol	9.84	184	92905	36.63	ng	#	80
54) Dibenzofuran	9.97	168	1269371	50.37	ng		98
55) 4-Nitrophenol	9.90	139	358827	90.96	ng	#	84
56) 2,4-Dinitrotoluene	9.96	165	321517	48.15	ng		95
57) Fluorene	10.32	166	926666	43.38	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	232121	47.43	ng		93
59) Diethylphthalate	10.20	149	1030307	45.06	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	403577	42.09	ng		96
61) 4-Nitroaniline	10.34	138	232653	45.77	ng		93
62) Azobenzene	10.46	77	1084397	49.55	ng		90
64) 4,6-Dinitro-2-methylphenol	10.36	198	137295	38.73	ng	#	47
65) n-Nitrosodiphenylamine	10.43	169	879386	49.97	ng		98
66) 4-Bromophenyl-phenylether	10.80	248	295087	48.27	ng	#	94
67) Hexachlorobenzene	10.85	284	284584	42.80	ng	#	85
68) Atrazine	10.96	200	229815	43.58	ng		99
69) Pentachlorophenol	11.06	266	285782	88.96	ng		98
70) Phenanthrene	11.26	178	1399232	46.62	ng		97
71) Anthracene	11.32	178	1475982	48.37	ng		99
72) Carbazole	11.48	167	1268118	48.22	ng		98
73) Di-n-butylphthalate	11.81	149	1343490	42.00	ng	#	96
74) Fluoranthene	12.45	202	1512389	50.97	ng		94
76) Benzidine	12.58	184	610628	47.81	ng		99
77) Pyrene	12.68	202	1419641	56.05	ng		100
79) Butylbenzylphthalate	13.31	149	537160	49.65	ng	#	83
80) Benzo(a)anthracene	13.86	228	959030	45.82	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	188990	25.66	ng	#	95
82) Chrysene	13.89	228	867940	42.07	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	728068	51.88	ng	#	98
84) Di-n-octyl phthalate	14.48	149	1068621	48.19	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	983933	53.94	ng		99
87) Benzo(b)fluoranthene	14.88	252	1000542m	51.33	ng		
88) Benzo(k)fluoranthene	14.90	252	643941m	39.99	ng		
89) Benzo(a)pyrene	15.20	252	782924	46.43	ng	#	96
90) Dibenzo(a,h)anthracene	16.58	278	782847	51.51	ng		98
91) Benzo(g,h,i)perylene	16.96	276	862110	56.19	ng		98

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

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