Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013016\
Data File : BF084679.D
Acq On : 30 Jan 2016 12:04
Operator : SJ/IZ
Sample : H1257-04MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B015(6-9)MSD

Manual Integrations APPROVED
mohammad
2/1/2016 2:26:02 PM

Quant Time: Feb 01 01:30:40 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	178992	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	680667	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	316306	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	523003	20.00	ng		0.00
75) Chrysene-d12	13.87	240	298697	20.00	ng		0.00
86) Perylene-d12	15.25	264	346053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1437391	121.22	ng		0.02
7) Phenol-d6	6.38	99	1761651	123.95	ng		0.01
23) Nitrobenzene-d5	7.30	82	1102911	90.55	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	400143	120.70	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1605111	75.43	ng		0.00
78) Terphenyl-d14	12.83	244	1254071	94.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	168257	30.43	ng	#	74
3) Pyridine	2.96	79	501573	34.05	ng	#	74
4) n-Nitrosodimethylamine	2.91	42	272197	37.79	ng		81
6) Aniline	6.40	93	427988	23.46	ng	#	1
8) 2-Chlorophenol	6.51	128	503078	38.25	ng		88
9) Benzaldehyde	6.27	77	36533	4.44	ng		93
10) Phenol	6.40	94	705979	44.57	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	503040	40.83	ng	#	81
12) 1,3-Dichlorobenzene	6.66	146	515708m	36.60	ng		
13) 1,4-Dichlorobenzene	6.74	146	507958	36.73	ng		98
14) 1,2-Dichlorobenzene	6.90	146	533055	41.86	ng		97
15) Benzyl Alcohol	6.88	79	405156	41.88	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.01	45	795794	37.74	ng		90
17) 2-Methylphenol	7.00	107	443666	43.51	ng		94
18) Hexachloroethane	7.24	117	212331	39.25	ng	#	85
19) n-Nitroso-di-n-propylamine	7.15	70	347644	40.05	ng	#	74
20) 3+4-Methylphenols	7.15	107	522724	42.25	ng	#	66
22) Acetophenone	7.14	105	741290	41.70	ng	#	98
24) Nitrobenzene	7.31	77	513433	39.66	ng		92
25) Isophorone	7.56	82	1012516	44.37	ng		96
26) 2-Nitrophenol	7.63	139	267411	43.44	ng	#	83
27) 2,4-Dimethylphenol	7.69	122	460021	42.64	ng		86
28) bis(2-Chloroethoxy)methane	7.78	93	614085	44.84	ng	#	97
29) 2,4-Dichlorophenol	7.88	162	440092	46.64	ng		95
30) 1,2,4-Trichlorobenzene	7.96	180	443373	41.09	ng	#	92
31) Naphthalene	8.03	128	1462830	42.57	ng		99
32) Benzoic acid	7.79	122	107970	13.04	ng		91
33) 4-Chloroaniline	8.09	127	195122	13.96	ng		97
34) Hexachlorobutadiene	8.16	225	262216	41.12	ng		98
35) Caprolactam	8.46	113	137439	50.76	ng	#	56
36) 4-Chloro-3-methylphenol	8.59	107	501228	48.25	ng		98
37) 2-Methylnaphthalene	8.73	142	1035747	49.11	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	399252	38.92	ng		97
40) Hexachlorocyclopentadiene	8.88	237	285652	61.25	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	293901	46.12	ng		95
43) 2,4,5-Trichlorophenol	9.06	196	294744	44.80	ng		96
45) 1,1'-Biphenyl	9.20	154	1173422	40.48	ng		95
46) 2-Chloronaphthalene	9.22	162	855156	40.43	ng	#	87
47) 2-Nitroaniline	9.31	65	251662	39.62	ng		99
48) Acenaphthylene	9.63	152	1331018	41.53	ng		99
49) Dimethylphthalate	9.50	163	1343409	56.59	ng	#	91
50) 2,6-Dinitrotoluene	9.56	165	241549	46.24	ng	#	85
51) Acenaphthene	9.80	154	859620	40.06	ng		98
52) 3-Nitroaniline	9.72	138	147813	27.08	ng		95
53) 2,4-Dinitrophenol	9.84	184	88949	34.51	ng	#	85
54) Dibenzofuran	9.97	168	1201967	46.93	ng		98
55) 4-Nitrophenol	9.90	139	336686	83.98	ng	#	83
56) 2,4-Dinitrotoluene	9.96	165	298964	44.06	ng		96
57) Fluorene	10.32	166	874226	40.27	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	219019	44.03	ng	#	89
59) Diethylphthalate	10.20	149	989215	42.57	ng		95
60) 4-Chlorophenyl-phenylether	10.30	204	381105	39.10	ng		92
61) 4-Nitroaniline	10.34	138	224345	43.43	ng		92
62) Azobenzene	10.46	77	1011786	45.49	ng		91
64) 4,6-Dinitro-2-methylphenol	10.36	198	100665m	29.47	ng		
65) n-Nitrosodiphenylamine	10.43	169	830182	48.96	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	271207	46.04	ng	#	94
67) Hexachlorobenzene	10.85	284	248886	38.84	ng	#	81
68) Atrazine	10.96	200	229853	45.24	ng		98
69) Pentachlorophenol	11.06	266	237332	76.67	ng		98
70) Phenanthrene	11.26	178	1388912	48.03	ng		98
71) Anthracene	11.32	178	1295732	44.07	ng		100
72) Carbazole	11.48	167	1129008	44.55	ng		98
73) Di-n-butylphthalate	11.81	149	1310968	42.54	ng	#	96
74) Fluoranthene	12.45	202	1375334	48.10	ng		95
76) Benzidine	12.58	184	387052	34.07	ng		99
77) Pyrene	12.68	202	1306461	57.99	ng		100
79) Butylbenzylphthalate	13.31	149	470935	48.93	ng	#	87
80) Benzo(a)anthracene	13.86	228	881322	47.33	ng		98
81) 3,3'-Dichlorobenzidine	13.84	252	193420	29.52	ng		98
82) Chrysene	13.91	228	834149	45.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.87	149	594502	47.62	ng	#	97
84) Di-n-octyl phthalate	14.48	149	931522	47.22	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.57	276	897829	55.33	ng		99
87) Benzo(b)fluoranthene	14.88	252	978170m	43.65	ng		
88) Benzo(k)fluoranthene	14.90	252	675163m	36.48	ng		
89) Benzo(a)pyrene	15.21	252	830152	42.83	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	731985	41.90	ng	#	94
91) Benzo(g,h,i)perylene	16.97	276	781526	44.31	ng		99

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

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