Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084805.D
Acq On : 4 Feb 2016 00:52
Operator : SJ/IZ
Sample : H1331-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOUTH-SIDEWALL(11.5)MS

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:55 PM

Quant Time: Feb 04 04:44:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	178239	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	716689	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	340255	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	618465	20.00	ng		0.00
75) Chrysene-d12	13.84	240	428768	20.00	ng		0.00
86) Perylene-d12	15.21	264	355709	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1450919	126.79	ng		0.01
7) Phenol-d6	6.35	99	1890165	133.24	ng		0.01
23) Nitrobenzene-d5	7.26	82	1208200	94.97	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	476887	134.37	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1832963	94.10	ng		0.00
78) Terphenyl-d14	12.80	244	1868369	98.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	201518	40.20	ng	#	78
3) Pyridine	2.91	79	579289	44.36	ng	#	74
4) n-Nitrosodimethylamine	2.88	42	309470	45.82	ng		79
6) Aniline	6.35	93	536078	30.88	ng	#	65
8) 2-Chlorophenol	6.48	128	578956	44.70	ng		92
9) Benzaldehyde	6.22	77	221619	26.45	ng		89
10) Phenol	6.36	94	839646	52.83	ng		96
11) bis(2-Chloroethyl)ether	6.43	93	544488	43.94	ng	#	80
12) 1,3-Dichlorobenzene	6.62	146	558499	40.81	ng	#	93
13) 1,4-Dichlorobenzene	6.70	146	601411	43.96	ng		96
14) 1,2-Dichlorobenzene	6.86	146	535326m	42.01	ng		
15) Benzyl Alcohol	6.84	79	460628	47.02	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.98	45	842030	40.39	ng		91
17) 2-Methylphenol	6.97	107	484180	47.27	ng	#	92
18) Hexachloroethane	7.20	117	223632	42.45	ng		93
19) n-Nitroso-di-n-propylamine	7.12	70	404687	45.51	ng	#	72
20) 3+4-Methylphenols	7.13	107	602310	47.37	ng		87
22) Acetophenone	7.10	105	858197	45.43	ng		99
24) Nitrobenzene	7.28	77	570224	41.85	ng		94
25) Isophorone	7.53	82	1149629	46.47	ng		97
26) 2-Nitrophenol	7.60	139	314780	46.85	ng	#	84
27) 2,4-Dimethylphenol	7.65	122	559923	47.91	ng		90
28) bis(2-Chloroethoxy)methane	7.74	93	719629	49.03	ng		98
29) 2,4-Dichlorophenol	7.85	162	508920	50.89	ng		96
30) 1,2,4-Trichlorobenzene	7.92	180	489905	43.37	ng		95
31) Naphthalene	8.00	128	1522184	42.34	ng		99
32) Benzoic acid	7.74	122	59401	7.95	ng		91
33) 4-Chloroaniline	8.05	127	283835	19.09	ng		95
34) Hexachlorobutadiene	8.12	225	291321	44.73	ng		98
35) Caprolactam	8.44	113	151481m	49.15	ng		
36) 4-Chloro-3-methylphenol	8.56	107	528812	46.35	ng		99
37) 2-Methylnaphthalene	8.69	142	1184833	52.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	437901	40.52	ng		98
40) Hexachlorocyclopentadiene	8.84	237	419475	85.52	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	353404	50.76	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	326624	46.17	ng		95
45) 1,1'-Biphenyl	9.16	154	1337819	44.02	ng		97
46) 2-Chloronaphthalene	9.18	162	983070	43.92	ng	#	86
47) 2-Nitroaniline	9.28	65	328584	46.37	ng		97
48) Acenaphthylene	9.60	152	1543432	45.44	ng		98
49) Dimethylphthalate	9.47	163	1381525	53.31	ng	#	90
50) 2,6-Dinitrotoluene	9.53	165	248993	43.98	ng	#	59
51) Acenaphthene	9.77	154	989541	44.78	ng		98
52) 3-Nitroaniline	9.70	138	191708	30.13	ng	#	63
53) 2,4-Dinitrophenol	9.80	184	127781	51.16	ng	#	86
54) Dibenzofuran	9.94	168	1371587	50.79	ng		98
55) 4-Nitrophenol	9.88	139	422170	90.30	ng		91
56) 2,4-Dinitrotoluene	9.93	165	294562	40.79	ng	#	69
57) Fluorene	10.28	166	1018014	45.14	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.05	232	262916	48.82	ng		90
59) Diethylphthalate	10.17	149	1157280	45.73	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	436309	46.25	ng		94
61) 4-Nitroaniline	10.32	138	295962	47.74	ng		84
62) Azobenzene	10.43	77	1177287	48.38	ng		90
64) 4,6-Dinitro-2-methylphenol	10.34	198	178706	46.82	ng		92
65) n-Nitrosodiphenylamine	10.40	169	942510	47.99	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	327677	47.97	ng		94
67) Hexachlorobenzene	10.82	284	316181	42.48	ng	#	84
68) Atrazine	10.93	200	328520	52.97	ng		94
69) Pentachlorophenol	11.02	266	328069	93.79	ng		98
70) Phenanthrene	11.23	178	1401611	40.86	ng		97
71) Anthracene	11.29	178	1643330	47.54	ng		99
72) Carbazole	11.45	167	1505732	49.96	ng		98
73) Di-n-butylphthalate	11.78	149	1546373	40.30	ng	#	96
74) Fluoranthene	12.42	202	1665130	47.96	ng		93
76) Benzidine	12.54	184	679494	46.05	ng		99
77) Pyrene	12.64	202	1572757	47.91	ng		99
79) Butylbenzylphthalate	13.28	149	754230	50.65	ng	#	88
80) Benzo(a)anthracene	13.83	228	1208449	45.41	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	214000	22.71	ng	#	94
82) Chrysene	13.86	228	1119553	43.38	ng		99
83) Bis(2-ethylhexyl)phthalate	13.84	149	933485	50.37	ng	#	96
84) Di-n-octyl phthalate	14.44	149	1425110	46.61	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	987309	48.61	ng		98
87) Benzo(b)fluoranthene	14.83	252	974863m	40.79	ng		
88) Benzo(k)fluoranthene	14.87	252	1004809m	50.85	ng		
89) Benzo(a)pyrene	15.16	252	925516	45.45	ng		98
90) Dibenzo(a,h)anthracene	16.51	278	821367	47.91	ng		99
91) Benzo(g,h,i)perylene	16.89	276	839107	48.59	ng		99

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

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