Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090430.D
Acq On : 6 Oct 2016 20:47
Operator : UM/SJ
Sample : H5110-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BRAEN-AGGS-CLEAN-BORROWMS

Manual Integrations APPROVED
sohil
10/7/2016 7:02:36 PM

Quant Time: Oct 07 00:27:52 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	227576	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	948596	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	508385	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	796435	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	601361	20.00	ng		-0.01
86) Perylene-d12	15.69	264	433850	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	2273875	149.12	ng		0.01
7) Phenol-d6	6.62	99	2949972	147.71	ng		0.00
23) Nitrobenzene-d5	7.56	82	1816750	93.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	622876	150.68	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2603917	85.34	ng		-0.01
78) Terphenyl-d14	13.13	244	2662610	99.54	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	299952	39.90	ng	#	90
3) Pyridine	3.53	79	901770	43.02	ng	#	80
4) n-Nitrosodimethylamine	3.47	42	397052	45.91	ng	#	53
6) Aniline	6.66	93	1070608	38.81	ng		99
8) 2-Chlorophenol	6.78	128	798754	47.60	ng		97
9) Benzaldehyde	6.54	77	347984	34.47	ng		97
10) Phenol	6.65	94	1152380	49.63	ng		95
11) bis(2-Chloroethyl)ether	6.74	93	889155	50.01	ng		93
12) 1,3-Dichlorobenzene	6.94	146	834584	49.89	ng		99
13) 1,4-Dichlorobenzene	7.01	146	778989	45.85	ng		98
14) 1,2-Dichlorobenzene	7.17	146	849407	51.89	ng		99
15) Benzyl Alcohol	7.14	79	791930	52.16	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1226167	40.67	ng		92
17) 2-Methylphenol	7.25	107	735473	53.29	ng		98
18) Hexachloroethane	7.51	117	327091	48.84	ng		99
19) n-Nitroso-di-n-propylamine	7.41	70	654622	44.70	ng	#	82
20) 3+4-Methylphenols	7.40	107	844689	47.29	ng		91
22) Acetophenone	7.41	105	1168116	51.99	ng	#	89
24) Nitrobenzene	7.58	77	1054781	54.48	ng		96
25) Isophorone	7.82	82	1737696	48.74	ng		99
26) 2-Nitrophenol	7.90	139	454886	54.59	ng		99
27) 2,4-Dimethylphenol	7.94	122	834154	51.47	ng		99
28) bis(2-Chloroethoxy)methane	8.03	93	1003495	47.59	ng	#	96
29) 2,4-Dichlorophenol	8.14	162	685401	55.63	ng		95
30) 1,2,4-Trichlorobenzene	8.22	180	638847	50.31	ng		99
31) Naphthalene	8.30	128	2259424	49.37	ng		99
32) Benzoic acid	8.02	122	175708	15.60	ng		95
33) 4-Chloroaniline	8.35	127	585355	30.94	ng		98
34) Hexachlorobutadiene	8.43	225	379123	53.44	ng		99
35) Caprolactam	8.73	113	224872m	54.29	ng		
36) 4-Chloro-3-methylphenol	8.84	107	820359	53.18	ng		94
37) 2-Methylnaphthalene	9.00	142	1405884	50.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	701225	52.32	ng		98
40) Hexachlorocyclopentadiene	9.16	237	653107	88.89	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	440884	47.67	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	454348	51.95	ng		97
45) 1,1'-Biphenyl	9.47	154	1851215	49.14	ng		98
46) 2-Chloronaphthalene	9.49	162	1339853	48.14	ng		99
47) 2-Nitroaniline	9.58	65	518092	47.17	ng		94
48) Acenaphthylene	9.91	152	2242740	48.83	ng		99
49) Dimethylphthalate	9.78	163	3202244	98.35	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	387150	53.56	ng	#	59
51) Acenaphthene	10.09	154	1512385	52.81	ng		99
52) 3-Nitroaniline	9.99	138	292591	34.65	ng		95
53) 2,4-Dinitrophenol	10.10	184	220842	68.52	ng	#	71
54) Dibenzofuran	10.26	168	2024441	54.62	ng		95
55) 4-Nitrophenol	10.15	139	660737	89.43	ng		98
56) 2,4-Dinitrotoluene	10.23	165	550775	57.25	ng	#	55
57) Fluorene	10.60	166	1605329	51.54	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	404361	61.91	ng	#	87
59) Diethylphthalate	10.47	149	1737762	51.58	ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	727868	51.39	ng		97
61) 4-Nitroaniline	10.61	138	364651	42.86	ng		94
62) Azobenzene	10.75	77	1947419	50.05	ng		91
64) 4,6-Dinitro-2-methylphenol	10.65	198	182799	35.59	ng	#	41
65) n-Nitrosodiphenylamine	10.71	169	1380826	51.74	ng		99
66) 4-Bromophenyl-phenylether	11.08	248	420631	53.88	ng		93
67) Hexachlorobenzene	11.15	284	448139	51.54	ng	#	89
68) Atrazine	11.24	200	464010	70.51	ng		96
69) Pentachlorophenol	11.34	266	584263	112.90	ng		100
70) Phenanthrene	11.56	178	2066784	50.68	ng		98
71) Anthracene	11.62	178	2304770	55.34	ng		100
72) Carbazole	11.77	167	1873292	48.41	ng		99
73) Di-n-butylphthalate	12.10	149	2335632	49.60	ng		99
74) Fluoranthene	12.76	202	2210865	55.27	ng		92
76) Benzidine	12.87	184	1061018	67.10	ng		100
77) Pyrene	12.99	202	2240814	55.88	ng		100
79) Butylbenzylphthalate	13.61	149	1137657	55.29	ng		93
80) Benzo(a)anthracene	14.18	228	1661498	49.24	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	514147	42.03	ng	#	98
82) Chrysene	14.21	228	1299647	41.85	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	1476685	50.49	ng		99
84) Di-n-octyl phthalate	14.78	149	2100949	48.46	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.21	276	1441218	65.10	ng		94
87) Benzo(b)fluoranthene	15.25	252	1427917	51.67	ng	#	98
88) Benzo(k)fluoranthene	15.28	252	1206240m	46.47	ng		
89) Benzo(a)pyrene	15.63	252	1268673	53.26	ng		99
90) Dibenzo(a,h)anthracene	17.23	278	1231905	60.79	ng	#	95
91) Benzo(g,h,i)perylene	17.68	276	1147058	58.98	ng		99

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

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