Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090818.D
Acq On : 25 Oct 2016 20:12
Operator : UM/SJ
Sample : H5365-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-B2-B3-B4-B5MSD

Manual Integrations APPROVED
umangi
10/26/2016 4:46:04 PM

Quant Time: Oct 26 01:11:18 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	184873	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	769492	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	436189	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	723031	20.00	ng		0.01
75) Chrysene-d12	13.97	240	477085	20.00	ng		0.01
86) Perylene-d12	15.38	264	394665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1618544	141.19	ng		0.02
7) Phenol-d6	6.45	99	1909669	122.99	ng		0.01
23) Nitrobenzene-d5	7.37	82	1137920	81.11	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	649072	188.00	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2355359	83.83	ng		0.00
78) Terphenyl-d14	12.92	244	2469677	118.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	233843	35.25	ng	#	75
3) Pyridine	3.14	79	478350	30.78	ng	#	71
4) n-Nitrosodimethylamine	3.08	42	220752	41.51	ng	#	67
6) Aniline	6.46	93	321914	18.29	ng	#	1
8) 2-Chlorophenol	6.59	128	623697	45.32	ng		96
9) Benzaldehyde	6.34	77	116177	13.68	ng	#	72
10) Phenol	6.46	94	803907	46.06	ng		73
11) bis(2-Chloroethyl)ether	6.54	93	605499	41.29	ng		85
12) 1,3-Dichlorobenzene	6.74	146	625025	45.22	ng	#	95
13) 1,4-Dichlorobenzene	6.82	146	663209	45.23	ng	#	95
14) 1,2-Dichlorobenzene	6.97	146	563666m	39.27	ng		
15) Benzyl Alcohol	6.96	79	430775	40.85	ng		84
16) 2,2'-oxybis(1-Chloropropan	7.08	45	552136	25.14	ng		49
17) 2-Methylphenol	7.07	107	487823	47.05	ng	#	85
18) Hexachloroethane	7.31	117	221223	37.17	ng	#	84
19) n-Nitroso-di-n-propylamine	7.23	70	401429	34.72	ng	#	66
20) 3+4-Methylphenols	7.22	107	559354	45.51	ng	#	53
22) Acetophenone	7.22	105	772287	45.04	ng	#	85
24) Nitrobenzene	7.39	77	593074	38.99	ng	#	75
25) Isophorone	7.63	82	1129197	42.52	ng	#	92
26) 2-Nitrophenol	7.71	139	350658	56.43	ng	#	93
27) 2,4-Dimethylphenol	7.76	122	579955	52.64	ng		86
28) bis(2-Chloroethoxy)methane	7.85	93	719796	49.54	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	513209	56.76	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	550924	51.77	ng		97
31) Naphthalene	8.11	128	1712254	45.49	ng		96
32) Benzoic acid	7.88	122	179441	27.02	ng	#	75
33) 4-Chloroaniline	8.17	127	139758	10.01	ng	#	95
34) Hexachlorobutadiene	8.24	225	314692	52.60	ng		99
35) Caprolactam	8.54	113	163053m	63.14	ng		
36) 4-Chloro-3-methylphenol	8.66	107	512754	48.76	ng		87
37) 2-Methylnaphthalene	8.81	142	1183066	53.78	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	522858	44.39	ng		99
40) Hexachlorocyclopentadiene	8.96	237	527924	95.48	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	363008	49.70	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	392673	52.98	ng	#	90
45) 1,1'-Biphenyl	9.26	154	1337367	39.04	ng		93
46) 2-Chloronaphthalene	9.30	162	1126369	44.24	ng		98
47) 2-Nitroaniline	9.39	65	291237	34.46	ng	#	79
48) Acenaphthylene	9.71	152	1756390	45.21	ng		96
49) Dimethylphthalate	9.58	163	1842891	67.24	ng	#	98
50) 2,6-Dinitrotoluene	9.64	165	335062	56.85	ng	#	91
51) Acenaphthene	9.88	154	1089504	42.24	ng		87
52) 3-Nitroaniline	9.80	138	140231	20.70	ng	#	66
53) 2,4-Dinitrophenol	9.92	184	277667	81.44	ng	#	84
54) Dibenzofuran	10.05	168	1533873	49.10	ng	#	87
55) 4-Nitrophenol	9.98	139	446788	105.31	ng	#	80
56) 2,4-Dinitrotoluene	10.04	165	384450	53.37	ng	#	90
57) Fluorene	10.40	166	1252588	48.38	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.18	232	352329	60.57	ng		92
59) Diethylphthalate	10.28	149	1377786	48.47	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	567940	48.00	ng	#	88
61) 4-Nitroaniline	10.43	138	304315	44.35	ng	#	70
62) Azobenzene	10.54	77	1182254	35.52	ng		86
64) 4,6-Dinitro-2-methylphenol	10.45	198	228795	49.44	ng	#	65
65) n-Nitrosodiphenylamine	10.51	169	1047559	45.22	ng		89
66) 4-Bromophenyl-phenylether	10.88	248	387946	55.35	ng		98
67) Hexachlorobenzene	10.94	284	487437	58.93	ng	#	81
68) Atrazine	11.05	200	372709	58.29	ng		86
69) Pentachlorophenol	11.14	266	483397	88.82	ng		97
70) Phenanthrene	11.36	178	1769798	48.02	ng		95
71) Anthracene	11.40	178	1809831	44.28	ng		96
72) Carbazole	11.56	167	1541453	45.11	ng		93
73) Di-n-butylphthalate	11.89	149	2037445	45.97	ng	#	97
74) Fluoranthene	12.54	202	1865002	52.31	ng		88
76) Benzidine	12.67	184	359286	33.92	ng		98
77) Pyrene	12.77	202	1816795	54.52	ng		95
79) Butylbenzylphthalate	13.39	149	820750	53.59	ng	#	86
80) Benzo(a)anthracene	13.96	228	1291493	49.47	ng		96
81) 3,3'-Dichlorobenzidine	13.93	252	242294	26.78	ng	#	93
82) Chrysene	14.00	228	1404111m	55.10	ng		
83) Bis(2-ethylhexyl)phthalate	13.96	149	1128459	51.50	ng		99
84) Di-n-octyl phthalate	14.57	149	1707518	51.34	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.76	276	1208718	54.37	ng	#	90
87) Benzo(b)fluoranthene	14.98	252	1451596m	59.82	ng		
88) Benzo(k)fluoranthene	15.01	252	924590m	37.91	ng		
89) Benzo(a)pyrene	15.33	252	1111374	48.81	ng	#	84
90) Dibenzo(a,h)anthracene	16.77	278	1018101	46.57	ng	#	83
91) Benzo(g,h,i)perylene	17.17	276	956577	45.11	ng	#	79

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

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