Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052516\
Data File : BF087391.D
Acq On : 26 May 2016 2:29
Operator : UM/SJ
Sample : H3212-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DAY-1MSD

Manual Integrations APPROVED
sohil
5/26/2016 6:37:02 PM

Quant Time: May 26 15:00:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 16:26:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	109776	20.00	ng		0.00
21) Naphthalene-d8	9.55	136	412778	20.00	ng		0.00
38) Acenaphthene-d10	12.39	164	189058	20.00	ng		0.00
63) Phenanthrene-d10	14.80	188	267791	20.00	ng		0.02
75) Chrysene-d12	18.50	240	228365	20.00	ng		0.02
86) Perylene-d12	20.16	264	158378	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	506211	81.03	ng		0.03
7) Phenol-d6	7.10	99	417762	49.49	ng		0.02
23) Nitrobenzene-d5	8.44	82	842502	102.87	ng		0.00
41) 2,4,6-Tribromophenol	13.71	330	234031	128.82	ng		0.03
44) 2-Fluorobiphenyl	11.35	172	1281229	95.54	ng		0.01
78) Terphenyl-d14	17.15	244	698616	65.04	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	53064	16.10	ng	#	60
3) Pyridine	2.52	79	77850	10.80	ng	#	62
4) n-Nitrosodimethylamine	2.42	42	112910	20.33	ng	#	47
6) Aniline	7.16	93	429550m	39.33	ng		
8) 2-Chlorophenol	7.22	128	328451	42.16	ng		94
9) Benzaldehyde	6.83	77	89145	19.13	ng		97
10) Phenol	7.12	94	176532	19.15	ng	#	60
11) bis(2-Chloroethyl)ether	7.16	93	377048	50.54	ng		85
12) 1,3-Dichlorobenzene	7.42	146	366236m	43.10	ng		
13) 1,4-Dichlorobenzene	7.55	146	381484	43.73	ng		96
14) 1,2-Dichlorobenzene	7.78	146	372499	46.16	ng		96
15) Benzyl Alcohol	7.83	79	215798	35.06	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.02	45	753283	44.87	ng		85
17) 2-Methylphenol	8.07	107	231219	37.03	ng	#	91
18) Hexachloroethane	8.30	117	116244	35.72	ng		98
19) n-Nitroso-di-n-propylamine	8.26	70	326016	51.79	ng	#	76
20) 3+4-Methylphenols	8.32	107	270520	35.84	ng	#	60
22) Acetophenone	8.22	105	566952	57.49	ng	#	94
24) Nitrobenzene	8.48	77	445240	51.50	ng		94
25) Isophorone	8.88	82	747990	50.92	ng	#	98
26) 2-Nitrophenol	8.98	139	185551	52.50	ng	#	85
27) 2,4-Dimethylphenol	9.13	122	296749	48.37	ng	#	86
28) bis(2-Chloroethoxy)methane	9.26	93	455782	55.09	ng		95
29) 2,4-Dichlorophenol	9.40	162	283821	51.33	ng		97
30) 1,2,4-Trichlorobenzene	9.48	180	314887	49.75	ng		98
31) Naphthalene	9.59	128	1045202	50.53	ng		98
32) Benzoic acid	9.38	122	13220	9.50	ng	#	33
33) 4-Chloroaniline	9.77	127	31741	4.17	ng	#	85
34) Hexachlorobutadiene	9.80	225	181173	47.09	ng		98
36) 4-Chloro-3-methylphenol	10.62	107	293911	47.02	ng		87
37) 2-Methylnaphthalene	10.72	142	662725	51.29	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	10.99	216	274961	45.43	ng		99
40) Hexachlorocyclopentadiene	10.96	237	13731	14.32	ng		93
42) 2,4,6-Trichlorophenol	11.23	196	176894	50.64	ng		93

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43) 2,4,5-Trichlorophenol	11.32	196	163422	45.94	ng	#	82
45) 1,1'-Biphenyl	11.50	154	777841	48.87	ng		98
46) 2-Chloronaphthalene	11.51	162	569083	46.73	ng		96
47) 2-Nitroaniline	11.74	65	270690	61.69	ng	#	72
48) Acenaphthylene	12.16	152	826010	42.84	ng		98
49) Dimethylphthalate	12.06	163	665540	43.95	ng		98
50) 2,6-Dinitrotoluene	12.15	165	139117	45.59	ng	#	79
51) Acenaphthene	12.44	154	529857	44.71	ng		98
52) 3-Nitroaniline	12.36	138	8680	2.77	ng	#	35
53) 2,4-Dinitrophenol	12.63	184	29660	23.98	ng	#	58
54) Dibenzofuran	12.74	168	781529	48.71	ng		98
55) 4-Nitrophenol	12.74	139	339493	227.24	ng	#	25
56) 2,4-Dinitrotoluene	12.81	165	153016	37.52	ng		94
57) Fluorene	13.29	166	639405	45.96	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.01	232	135116m	49.38	ng		
59) Diethylphthalate	13.21	149	678002	46.05	ng		97
60) 4-Chlorophenyl-phenylether	13.33	204	285888	42.14	ng		87
61) 4-Nitroaniline	13.44	138	53726	18.38	ng	#	49
62) Azobenzene	13.58	77	779967	51.06	ng		89
64) 4,6-Dinitro-2-methylphenol	13.49	198	20314	11.93	ng	#	1
65) n-Nitrosodiphenylamine	13.54	169	505273	58.34	ng		99
66) 4-Bromophenyl-phenylether	14.10	248	153066	52.25	ng		91
67) Hexachlorobenzene	14.17	284	156611	51.11	ng	#	61
69) Pentachlorophenol	14.56	266	169824	170.74	ng		97
70) Phenanthrene	14.85	178	823373	55.51	ng		100
71) Anthracene	14.93	178	740026	49.39	ng		99
72) Carbazole	15.25	167	665432	52.07	ng	#	96
73) Di-n-butylphthalate	15.81	149	830174	50.23	ng	#	96
74) Fluoranthene	16.61	202	734912	49.41	ng		97
77) Pyrene	16.91	202	780870	47.50	ng		98
79) Butylbenzylphthalate	17.83	149	360071	49.39	ng	#	67
80) Benzo(a)anthracene	18.49	228	696820	53.64	ng		99
82) Chrysene	18.54	228	653652	50.70	ng		99
83) Bis(2-ethylhexyl)phthalate	18.56	149	502513	47.24	ng	#	98
84) Di-n-octyl phthalate	19.33	149	855815	52.76	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.39	276	459474	44.46	ng	#	93
87) Benzo(b)fluoranthene	19.76	252	593251m	58.80	ng		
88) Benzo(k)fluoranthene	19.78	252	484502m	55.80	ng		
89) Benzo(a)pyrene	20.10	252	466225	53.43	ng		98
90) Dibenzo(a,h)anthracene	21.39	278	391608	52.62	ng		96
91) Benzo(g,h,i)perylene	21.74	276	375588	51.15	ng		94

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

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