Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050116\
Data File : BF086584.D
Acq On : 1 May 2016 21:40
Operator : UM/SJ
Sample : H2741-03MSD
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-1MSD

Manual Integrations APPROVED
sohil
5/2/2016 7:47:37 PM

Quant Time: May 02 05:21:18 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 02 04:16:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	126357	20.00	ng		-0.01
21) Naphthalene-d8	8.05	136	553380	20.00	ng		0.00
38) Acenaphthene-d10	9.80	164	263438	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	519041	20.00	ng		0.00
75) Chrysene-d12	13.92	240	351175	20.00	ng		0.00
86) Perylene-d12	15.30	264	282519	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	949831	129.66	ng		0.01
7) Phenol-d6	6.42	99	1295553	126.71	ng		0.01
23) Nitrobenzene-d5	7.33	82	877887	85.51	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	367782	132.38	ng		0.00
44) 2-Fluorobiphenyl	9.13	172	1452393	100.11	ng		-0.01
78) Terphenyl-d14	12.86	244	1372307	86.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	136844	35.56	ng	#	79
3) Pyridine	3.12	79	311220m	34.17	ng		
4) n-Nitrosodimethylamine	3.04	42	253775	48.89	ng	#	54
6) Aniline	6.45	93	105240	8.51	ng		92
8) 2-Chlorophenol	6.56	128	393224	43.10	ng		97
10) Phenol	6.43	94	427719	37.50	ng		99
11) bis(2-Chloroethyl)ether	6.51	93	386656	39.21	ng		91
12) 1,3-Dichlorobenzene	6.70	146	381377m	38.86	ng		
13) 1,4-Dichlorobenzene	6.78	146	405792	40.07	ng		96
14) 1,2-Dichlorobenzene	6.93	146	353465	38.06	ng		95
15) Benzyl Alcohol	6.92	79	277608	42.92	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.06	45	801583	40.61	ng		92
17) 2-Methylphenol	7.04	107	336076	45.57	ng	#	92
18) Hexachloroethane	7.28	117	145049	38.33	ng		98
19) n-Nitroso-di-n-propylamine	7.18	70	310034	45.88	ng	#	68
20) 3+4-Methylphenols	7.20	107	399872	47.49	ng	#	69
22) Acetophenone	7.18	105	574650	47.36	ng	#	94
24) Nitrobenzene	7.36	77	477271	45.19	ng		96
25) Isophorone	7.60	82	849504	42.99	ng		99
26) 2-Nitrophenol	7.68	139	217133	44.65	ng		97
27) 2,4-Dimethylphenol	7.72	122	401502	47.06	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	506679	47.07	ng		99
29) 2,4-Dichlorophenol	7.92	162	340540	47.31	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	345468	41.37	ng		98
31) Naphthalene	8.08	128	1224235	43.48	ng		100
32) Benzoic acid	7.85	122	193606	39.40	ng	#	83
34) Hexachlorobutadiene	8.19	225	180966	38.66	ng		99
35) Caprolactam	8.50	113	99420	41.40	ng	#	51
36) 4-Chloro-3-methylphenol	8.62	107	392395	47.61	ng		95
37) 2-Methylnaphthalene	8.76	142	741006	44.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	320659	42.52	ng		97
40) Hexachlorocyclopentadiene	8.92	237	336222	89.73	ng		95
42) 2,4,6-Trichlorophenol	9.05	196	222137	46.60	ng		94
43) 2,4,5-Trichlorophenol	9.09	196	231653	44.59	ng	#	84

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.23	154	977127	44.38	ng		97
46) 2-Chloronaphthalene	9.25	162	724911	43.30	ng		95
47) 2-Nitroaniline	9.36	65	278134	51.80	ng		88
48) Acenaphthylene	9.66	152	1096523	41.90	ng		99
49) Dimethylphthalate	9.54	163	933235	47.06	ng		100
50) 2,6-Dinitrotoluene	9.60	165	199179	48.61	ng		90
51) Acenaphthene	9.84	154	810759	48.23	ng		98
52) 3-Nitroaniline	9.77	138	51547	11.06	ng		93
53) 2,4-Dinitrophenol	9.87	184	197586	87.39	ng	#	76
54) Dibenzofuran	10.01	168	980501	46.67	ng		93
55) 4-Nitrophenol	9.94	139	232363	76.16	ng		81
56) 2,4-Dinitrotoluene	10.00	165	250364	47.94	ng	#	85
57) Fluorene	10.35	166	738269	40.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	218513	53.80	ng		95
59) Diethylphthalate	10.24	149	900431	47.96	ng		97
60) 4-Chlorophenyl-phenylether	10.35	204	362070	43.72	ng	#	82
61) 4-Nitroaniline	10.37	138	146802	32.23	ng	#	73
62) Azobenzene	10.51	77	985100	47.90	ng		88
64) 4,6-Dinitro-2-methylphenol	10.41	198	152816	50.15	ng		90
65) n-Nitrosodiphenylamine	10.46	169	518051	31.94	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	231081	43.21	ng		92
67) Hexachlorobenzene	10.90	284	274944	44.41	ng	#	90
68) Atrazine	10.99	200	85261	17.50	ng		95
69) Pentachlorophenol	11.09	266	286600	87.81	ng		98
70) Phenanthrene	11.31	178	1224534	44.96	ng		99
71) Anthracene	11.36	178	1263749	43.47	ng		100
72) Carbazole	11.52	167	890600	34.57	ng		99
73) Di-n-butylphthalate	11.85	149	1325222	45.40	ng	#	98
74) Fluoranthene	12.49	202	1190844	43.31	ng		99
77) Pyrene	12.72	202	1176803	46.51	ng		99
79) Butylbenzylphthalate	13.34	149	562047	51.29	ng	#	85
80) Benzo(a)anthracene	13.91	228	827608	44.20	ng		99
82) Chrysene	13.94	228	973308	47.83	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	629902	46.30	ng		98
84) Di-n-octyl phthalate	14.51	149	1028917	48.30	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.64	276	862837	57.22	ng		97
87) Benzo(b)fluoranthene	14.91	252	1015418m	61.10	ng		
88) Benzo(k)fluoranthene	14.95	252	676149m	39.00	ng		
89) Benzo(a)pyrene	15.25	252	807957	51.49	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	730441	56.88	ng		96
91) Benzo(g,h,i)perylene	17.04	276	701945	54.55	ng		96

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

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