Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087507.D
Acq On : 29 May 2016 7:10
Operator : UM/SJ
Sample : H3272-07MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-11BMS

Manual Integrations APPROVED
sohil
5/31/2016 7:37:52 PM

Quant Time: May 30 04:38:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 30 04:10:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	109832	20.00	ng		0.00
21) Naphthalene-d8	9.50	136	439801	20.00	ng		-0.01
38) Acenaphthene-d10	12.33	164	205155	20.00	ng		0.00
63) Phenanthrene-d10	14.73	188	372143	20.00	ng		0.00
75) Chrysene-d12	18.43	240	267109	20.00	ng		0.00
86) Perylene-d12	20.11	264	211692	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	402996	64.47	ng		0.02
7) Phenol-d6	7.03	99	321691	38.09	ng		-0.01
23) Nitrobenzene-d5	8.39	82	812936	93.16	ng		-0.01
41) 2,4,6-Tribromophenol	13.63	330	263275	133.54	ng		0.00
44) 2-Fluorobiphenyl	11.28	172	1288436	88.54	ng		-0.01
78) Terphenyl-d14	17.09	244	1102157	87.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.82	88	46645	14.14	ng	#	54
3) Pyridine	2.46	79	71774	9.95	ng	#	64
4) n-Nitrosodimethylamine	2.38	42	97905	17.62	ng	#	43
6) Aniline	6.97	93	297577	27.24	ng		94
8) 2-Chlorophenol	7.15	128	279906	35.91	ng		92
9) Benzaldehyde	6.82	77	51899	11.13	ng		97
10) Phenol	7.05	94	137733	14.93	ng	#	64
11) bis(2-Chloroethyl)ether	7.11	93	319305	42.78	ng		86
12) 1,3-Dichlorobenzene	7.36	146	311709	36.66	ng	#	89
13) 1,4-Dichlorobenzene	7.50	146	321725	36.86	ng		95
14) 1,2-Dichlorobenzene	7.72	146	306691	37.99	ng		98
15) Benzyl Alcohol	7.77	79	201748	32.76	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.96	45	664715	39.58	ng		87
17) 2-Methylphenol	8.00	107	192997	30.89	ng	#	90
18) Hexachloroethane	8.24	117	116617	35.81	ng		93
19) n-Nitroso-di-n-propylamine	8.19	70	286410	45.47	ng	#	70
20) 3+4-Methylphenols	8.26	107	214286	28.38	ng	#	60
22) Acetophenone	8.16	105	506673	48.22	ng	#	97
24) Nitrobenzene	8.42	77	415924	45.15	ng		98
25) Isophorone	8.81	82	717294	45.83	ng		98
26) 2-Nitrophenol	8.92	139	165446	43.94	ng	#	70
27) 2,4-Dimethylphenol	9.07	122	263125	40.26	ng		87
28) bis(2-Chloroethoxy)methane	9.20	93	423695	48.06	ng		98
29) 2,4-Dichlorophenol	9.35	162	258263	43.84	ng		99
30) 1,2,4-Trichlorobenzene	9.43	180	271846	40.31	ng		99
31) Naphthalene	9.53	128	931113	42.25	ng		99
32) Benzoic acid	9.36	122	34130	14.73	ng	#	75
33) 4-Chloroaniline	9.69	127	322398	39.72	ng	#	95
34) Hexachlorobutadiene	9.75	225	152181	37.12	ng		98
35) Caprolactam	10.34	113	11379	6.62	ng	#	46
36) 4-Chloro-3-methylphenol	10.55	107	277655	41.69	ng		96
37) 2-Methylnaphthalene	10.66	142	638299	46.36	ng		96
39) 1,2,4,5-Tetrachlorobenzene	10.94	216	282328	42.99	ng		99
40) Hexachlorocyclopentadiene	10.90	237	119787	48.54	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.16	196	161587	42.63	ng		95
43) 2,4,5-Trichlorophenol	11.26	196	156056	40.43	ng	#	91
45) 1,1'-Biphenyl	11.43	154	786245	45.52	ng		97
46) 2-Chloronaphthalene	11.45	162	595288	45.05	ng		97
47) 2-Nitroaniline	11.67	65	235642	49.49	ng	#	73
48) Acenaphthylene	12.10	152	946177	45.23	ng		99
49) Dimethylphthalate	11.99	163	765675	46.59	ng		100
50) 2,6-Dinitrotoluene	12.08	165	156450	47.24	ng	#	63
51) Acenaphthene	12.38	154	580933	45.18	ng		98
52) 3-Nitroaniline	12.35	138	131458	38.68	ng		85
53) 2,4-Dinitrophenol	12.57	184	106471	64.23	ng	#	86
54) Dibenzofuran	12.67	168	876409	50.34	ng		97
55) 4-Nitrophenol	12.80	139	39499	24.36	ng	#	51
56) 2,4-Dinitrotoluene	12.75	165	219104	49.50	ng		89
57) Fluorene	13.22	166	699537	46.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.91	232	136614	46.01	ng		95
59) Diethylphthalate	13.13	149	721624	45.16	ng		99
60) 4-Chlorophenyl-phenylether	13.25	204	333984	45.37	ng		100
61) 4-Nitroaniline	13.36	138	133274	42.02	ng	#	63
62) Azobenzene	13.51	77	872378	52.63	ng		86
64) 4,6-Dinitro-2-methylphenol	13.42	198	87559	37.00	ng	#	70
65) n-Nitrosodiphenylamine	13.46	169	599324	49.80	ng		100
66) 4-Bromophenyl-phenylether	14.03	248	193673	47.57	ng		96
67) Hexachlorobenzene	14.10	284	197802	46.45	ng	#	66
68) Atrazine	14.39	200	177894	46.37	ng		94
69) Pentachlorophenol	14.47	266	96982	73.80	ng		92
70) Phenanthrene	14.77	178	1008460	48.92	ng		100
71) Anthracene	14.86	178	1051867	50.51	ng		99
72) Carbazole	15.15	167	912397	51.37	ng		99
73) Di-n-butylphthalate	15.73	149	1125949	49.02	ng	#	98
74) Fluoranthene	16.54	202	1002724	48.51	ng		94
76) Benzidine	16.78	184	173628	25.26	ng		97
77) Pyrene	16.83	202	974906	50.71	ng		99
79) Butylbenzylphthalate	17.75	149	435545	51.08	ng	#	70
80) Benzo(a)anthracene	18.42	228	718651	47.30	ng		99
81) 3,3'-Dichlorobenzidine	18.41	252	137719	16.41	ng		98
82) Chrysene	18.47	228	720328	47.77	ng		99
83) Bis(2-ethylhexyl)phthalate	18.49	149	611263	49.13	ng	#	94
84) Di-n-octyl phthalate	19.27	149	924134	48.71	ng	#	87
85) Indeno(1,2,3-cd)pyrene	21.33	276	646734	53.50	ng	#	93
87) Benzo(b)fluoranthene	19.70	252	568632m	42.17	ng		
88) Benzo(k)fluoranthene	19.73	252	633617m	54.59	ng		
89) Benzo(a)pyrene	20.06	252	576784	49.46	ng		97
90) Dibenzo(a,h)anthracene	21.33	278	546502	54.94	ng	#	94
91) Benzo(g,h,i)perylene	21.68	276	534704	54.48	ng	#	90

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

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