Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087452.D
Acq On : 27 May 2016 20:17
Operator : UM/SJ
Sample : H3240-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-46-052316MSD

Manual Integrations APPROVED
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5/31/2016 7:01:46 PM

Quant Time: May 28 00:25:41 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	7.48	152	119514	20.00	ng		-0.03
21) Naphthalene-d8	9.52	136	508031	20.00	ng		-0.03
38) Acenaphthene-d10	12.34	164	241953	20.00	ng		-0.05
63) Phenanthrene-d10	14.75	188	463673	20.00	ng		-0.02
75) Chrysene-d12	18.45	240	349180	20.00	ng		-0.03
86) Perylene-d12	20.13	264	207324	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	971037	142.77	ng		0.01
7) Phenol-d6	7.05	99	1183492	128.77	ng		-0.02
23) Nitrobenzene-d5	8.40	82	919943	91.26	ng		-0.05
41) 2,4,6-Tribromophenol	13.65	330	333735	143.54	ng		-0.03
44) 2-Fluorobiphenyl	11.30	172	1592296	92.78	ng		-0.03
78) Terphenyl-d14	17.11	244	1586179	96.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.98	88	107218	29.88	ng	#	67
3) Pyridine	2.66	79	256333m	32.67	ng		
4) n-Nitrosodimethylamine	2.49	42	236139	39.06	ng	#	44
6) Aniline	7.02	93	120235	10.11	ng		90
8) 2-Chlorophenol	7.18	128	393535	46.40	ng		93
9) Benzaldehyde	6.87	77	23789	4.69	ng		96
10) Phenol	7.06	94	464277	46.26	ng		74
11) bis(2-Chloroethyl)ether	7.13	93	372308	45.84	ng		86
12) 1,3-Dichlorobenzene	7.38	146	380851	41.17	ng	#	94
13) 1,4-Dichlorobenzene	7.51	146	391765	41.25	ng	#	94
14) 1,2-Dichlorobenzene	7.74	146	375637	42.76	ng		97
15) Benzyl Alcohol	7.79	79	317412	47.37	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	7.98	45	758542	41.50	ng		88
17) 2-Methylphenol	8.01	107	336671	49.53	ng	#	89
18) Hexachloroethane	8.25	117	150899	42.59	ng		98
19) n-Nitroso-di-n-propylamine	8.20	70	338742	49.42	ng	#	69
20) 3+4-Methylphenols	8.27	107	435661	53.02	ng	#	60
22) Acetophenone	8.17	105	595928	49.10	ng	#	96
24) Nitrobenzene	8.43	77	474678	44.61	ng		97
25) Isophorone	8.83	82	849675	47.00	ng	#	97
26) 2-Nitrophenol	8.94	139	212889	48.95	ng	#	71
27) 2,4-Dimethylphenol	9.08	122	371543	49.21	ng	#	86
28) bis(2-Chloroethoxy)methane	9.21	93	498113	48.92	ng		98
29) 2,4-Dichlorophenol	9.36	162	335679	49.33	ng		98
30) 1,2,4-Trichlorobenzene	9.44	180	339138	43.54	ng		97
31) Naphthalene	9.55	128	1173468	46.10	ng		100
32) Benzoic acid	9.44	122	176594	45.73	ng	#	82
33) 4-Chloroaniline	9.75	127	30442	3.25	ng	#	71
34) Hexachlorobutadiene	9.76	225	199969	42.23	ng		97
35) Caprolactam	10.35	113	83415m	42.00	ng		
36) 4-Chloro-3-methylphenol	10.58	107	390024	50.70	ng		96
37) 2-Methylnaphthalene	10.67	142	770754	48.46	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	336402	43.43	ng		98
40) Hexachlorocyclopentadiene	10.93	237	251581	79.06	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	220524	49.33	ng		91
43) 2,4,5-Trichlorophenol	11.27	196	211685	46.50	ng	#	88
45) 1,1'-Biphenyl	11.45	154	983805	48.29	ng		98
46) 2-Chloronaphthalene	11.46	162	721964	46.32	ng		94
47) 2-Nitroaniline	11.69	65	290071	51.66	ng		87
48) Acenaphthylene	12.13	152	1146894	46.48	ng		99
49) Dimethylphthalate	12.01	163	923523	47.65	ng		100
50) 2,6-Dinitrotoluene	12.10	165	192685	49.34	ng	#	80
51) Acenaphthene	12.40	154	715250	47.16	ng		99
52) 3-Nitroaniline	12.39	138	46665	11.64	ng	#	91
53) 2,4-Dinitrophenol	12.57	184	204468	100.47	ng	#	87
54) Dibenzofuran	12.69	168	1049650	51.12	ng		92
55) 4-Nitrophenol	12.77	139	171696	89.80	ng	#	48
56) 2,4-Dinitrotoluene	12.77	165	269160	51.57	ng	#	89
57) Fluorene	13.25	166	849291	47.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.93	232	202524	57.83	ng		100
59) Diethylphthalate	13.15	149	891516	47.31	ng		99
60) 4-Chlorophenyl-phenylether	13.27	204	396951	45.72	ng		96
61) 4-Nitroaniline	13.37	138	128369	34.31	ng	#	63
62) Azobenzene	13.53	77	1033226	52.85	ng		87
64) 4,6-Dinitro-2-methylphenol	13.43	198	136510	46.30	ng	#	68
65) n-Nitrosodiphenylamine	13.49	169	574423	38.31	ng		100
66) 4-Bromophenyl-phenylether	14.06	248	236169	46.56	ng		90
67) Hexachlorobenzene	14.13	284	245052	46.19	ng	#	73
68) Atrazine	14.40	200	76061	15.91	ng		93
69) Pentachlorophenol	14.49	266	173289	103.16	ng		97
70) Phenanthrene	14.79	178	1224161	47.66	ng		100
71) Anthracene	14.87	178	1241477	47.85	ng		99
72) Carbazole	15.17	167	854124	38.60	ng		99
73) Di-n-butylphthalate	15.74	149	1374909	48.04	ng	#	98
74) Fluoranthene	16.55	202	1218040	47.29	ng		96
77) Pyrene	16.86	202	1258782	50.08	ng		100
79) Butylbenzylphthalate	17.77	149	577796	51.84	ng		89
80) Benzo(a)anthracene	18.43	228	968725	48.77	ng		99
81) 3,3'-Dichlorobenzidine	18.43	252	21969	2.00	ng	#	87
82) Chrysene	18.48	228	945712	47.98	ng		98
83) Bis(2-ethylhexyl)phthalate	18.51	149	801992	49.31	ng		98
84) Di-n-octyl phthalate	19.28	149	1191082	48.02	ng	#	86
85) Indeno(1,2,3-cd)pyrene	21.34	276	684254	43.30	ng		94
87) Benzo(b)fluoranthene	19.71	252	750570	56.83	ng	#	94
88) Benzo(k)fluoranthene	19.74	252	758587m	66.73	ng		
89) Benzo(a)pyrene	20.06	252	686626	60.11	ng		97
90) Dibenzo(a,h)anthracene	21.34	278	595242	61.10	ng	#	95
91) Benzo(g,h,i)perylene	21.68	276	543528	56.55	ng		95

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

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