Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
Data File : BF088094.D
Acq On : 17 Jun 2016 15:44
Operator : UM/SJ
Sample : H3510-01MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HSR-WC-52-060916MSD

Manual Integrations APPROVED
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6/20/2016 6:50:46 PM

Quant Time: Jun 17 18:00:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 17 16:09:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120828	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	521496	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	236209	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	427660	20.00	ng		0.00
75) Chrysene-d12	13.85	240	261816	20.00	ng		0.00
86) Perylene-d12	15.22	264	36888	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	774421	109.57	ng		0.03
7) Phenol-d6	6.35	99	879893	102.72	ng		0.00
23) Nitrobenzene-d5	7.27	82	635416	71.15	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	234414	93.99	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1238504	82.18	ng		-0.01
78) Terphenyl-d14	12.80	244	898261	78.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	105785	30.80	ng	#	87
3) Pyridine	3.10	79	105882m	13.06	ng		
4) n-Nitrosodimethylamine	2.97	42	116802	34.01	ng		78
8) 2-Chlorophenol	6.49	128	332666	39.76	ng		85
9) Benzaldehyde	6.25	77	15913	2.67	ng		97
10) Phenol	6.36	94	275479	30.34	ng		88
11) bis(2-Chloroethyl)ether	6.44	93	304050	40.48	ng		88
12) 1,3-Dichlorobenzene	6.64	146	347830m	38.75	ng		
13) 1,4-Dichlorobenzene	6.72	146	345620	38.22	ng		95
14) 1,2-Dichlorobenzene	6.87	146	328063m	39.90	ng		
15) Benzyl Alcohol	6.84	79	70583	10.53	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.98	45	383685	37.81	ng		64
17) 2-Methylphenol	6.97	107	253489	37.36	ng		97
18) Hexachloroethane	7.21	117	130871	40.79	ng		99
19) n-Nitroso-di-n-propylamine	7.13	70	223867	40.85	ng	#	83
20) 3+4-Methylphenols	7.13	107	308971	39.03	ng	#	80
22) Acetophenone	7.12	105	445752	38.25	ng		96
24) Nitrobenzene	7.29	77	365174	42.21	ng		98
25) Isophorone	7.53	82	638012	38.57	ng		99
26) 2-Nitrophenol	7.60	139	187516	40.47	ng		90
27) 2,4-Dimethylphenol	7.66	122	331713	38.88	ng		97
28) bis(2-Chloroethoxy)methane	7.75	93	290219	28.29	ng		99
29) 2,4-Dichlorophenol	7.85	162	290387	40.76	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	301903	38.92	ng		98
31) Naphthalene	8.01	128	1052152	40.77	ng		98
32) Benzoic acid	7.80	122	213770	45.50	ng		92
34) Hexachlorobutadiene	8.12	225	150541	36.80	ng		97
35) Caprolactam	8.46	113	77168m	32.70	ng		
36) 4-Chloro-3-methylphenol	8.56	107	298715	39.21	ng		94
37) 2-Methylnaphthalene	8.70	142	651197	38.28	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	282909	46.57	ng	#	1
40) Hexachlorocyclopentadiene	8.86	237	203142	53.32	ng		97
42) 2,4,6-Trichlorophenol	8.98	196	195067	41.30	ng		97
43) 2,4,5-Trichlorophenol	9.04	196	187983	38.25	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	9.16	154	786850	44.28	ng		98
46) 2-Chloronaphthalene	9.19	162	619242	40.51	ng		98
47) 2-Nitroaniline	9.29	65	102224	22.67	ng	#	64
48) Acenaphthylene	9.60	152	774616	31.86	ng		100
49) Dimethylphthalate	9.47	163	698328	40.81	ng		99
50) 2,6-Dinitrotoluene	9.53	165	173842	44.36	ng	#	59
51) Acenaphthene	9.77	154	535300	35.29	ng		98
53) 2,4-Dinitrophenol	9.82	184	164602	77.32	ng	#	83
54) Dibenzofuran	9.94	168	734781	35.18	ng	#	88
55) 4-Nitrophenol	9.88	139	200013	56.99	ng	#	75
56) 2,4-Dinitrotoluene	9.94	165	207529	41.21	ng	#	71
57) Fluorene	10.28	166	579763	40.60	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	149700	38.76	ng	#	54
59) Diethylphthalate	10.17	149	684370	39.51	ng		99
60) 4-Chlorophenyl-phenylether	10.28	204	269593	38.81	ng	#	84
61) 4-Nitroaniline	10.31	138	45853	10.69	ng		97
62) Azobenzene	10.43	77	591483	34.53	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	107553	40.63	ng		96
65) n-Nitrosodiphenylamine	10.40	169	68896	4.86	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	175391	38.23	ng	#	85
67) Hexachlorobenzene	10.83	284	200373	42.03	ng	#	78
69) Pentachlorophenol	11.03	266	180498	71.83	ng		97
70) Phenanthrene	11.24	178	972960	43.36	ng		99
71) Anthracene	11.29	178	801105	35.39	ng		100
72) Carbazole	11.45	167	123495	5.83	ng		97
73) Di-n-butylphthalate	11.78	149	1010628	37.69	ng		100
74) Fluoranthene	12.42	202	800972	33.82	ng		99
77) Pyrene	12.65	202	807431	41.56	ng		99
79) Butylbenzylphthalate	13.28	149	425371	49.52	ng		91
80) Benzo(a)anthracene	13.84	228	559985	37.53	ng		99
82) Chrysene	13.87	228	631419	44.98	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	518515	49.59	ng	#	98
84) Di-n-octyl phthalate	14.45	149	902668	53.13	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	357515	27.41	ng	#	100
87) Benzo(b)fluoranthene	14.85	252	543222m	211.28	ng		
88) Benzo(k)fluoranthene	14.87	252	469466m	242.06	ng		
89) Benzo(a)pyrene	15.17	252	321234	154.43	ng		97
90) Dibenzo(a,h)anthracene	16.55	278	423724	219.32	ng		99
91) Benzo(g,h,i)perylene	16.93	276	280555	141.17	ng		98

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

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