Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087943.D
Acq On : 12 Jun 2016 12:12
Operator : UM/SJ
Sample : H3425-06MS
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-LF2MW2MS

Manual Integrations APPROVED
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6/13/2016 7:45:17 PM

Quant Time: Jun 13 02:28:31 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 02:17:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117272	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	491899	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	238356	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	426394	20.00	ng		0.00
75) Chrysene-d12	13.97	240	303914	20.00	ng		0.00
86) Perylene-d12	15.37	264	257906	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	420982	61.37	ng		0.00
7) Phenol-d6	6.43	99	352120	42.35	ng		-0.01
23) Nitrobenzene-d5	7.37	82	730089	86.67	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	260603	103.55	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1294355	85.33	ng		0.00
78) Terphenyl-d14	12.91	244	1029128	77.06	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	50100	15.03	ng	#	33
3) Pyridine	3.12	79	114948	14.61	ng		95
4) n-Nitrosodimethylamine	3.04	42	65433	19.63	ng		90
6) Aniline	6.46	93	269818	22.80	ng	#	86
8) 2-Chlorophenol	6.58	128	299533	36.89	ng		100
9) Benzaldehyde	6.34	77	19967	3.26	ng		96
10) Phenol	6.44	94	141477	14.81	ng		79
11) bis(2-Chloroethyl)ether	6.54	93	314480	43.14	ng		95
12) 1,3-Dichlorobenzene	6.74	146	359963	41.32	ng		96
13) 1,4-Dichlorobenzene	6.82	146	370126	42.18	ng		97
14) 1,2-Dichlorobenzene	6.97	146	314684m	39.43	ng		
15) Benzyl Alcohol	6.95	79	190892	29.35	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	449849	45.68	ng		94
17) 2-Methylphenol	7.07	107	222556	33.80	ng		98
18) Hexachloroethane	7.31	117	120164	38.59	ng	#	86
19) n-Nitroso-di-n-propylamine	7.23	70	280219	52.69	ng	#	84
20) 3+4-Methylphenols	7.22	107	207595	27.02	ng	#	70
22) Acetophenone	7.22	105	502926	45.75	ng	#	95
24) Nitrobenzene	7.39	77	408245	50.03	ng		94
25) Isophorone	7.63	82	713231	45.71	ng		100
26) 2-Nitrophenol	7.71	139	213112	48.76	ng	#	71
27) 2,4-Dimethylphenol	7.76	122	341616	42.45	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	486692	50.29	ng		98
29) 2,4-Dichlorophenol	7.95	162	315853	47.01	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	295906	40.44	ng		99
31) Naphthalene	8.11	128	1016303	41.75	ng		100
32) Benzoic acid	7.84	122	60026	13.55	ng		96
33) 4-Chloroaniline	8.16	127	294849	27.13	ng		99
34) Hexachlorobutadiene	8.24	225	157394	40.79	ng		97
35) Caprolactam	8.55	113	15988	7.18	ng	#	79
36) 4-Chloro-3-methylphenol	8.65	107	313574	43.64	ng		90
37) 2-Methylnaphthalene	8.81	142	748611	46.66	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	270329	42.89	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	233344	60.69	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	222142	46.60	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	205028	41.34	ng		96
45) 1,1'-Biphenyl	9.27	154	833535	46.84	ng		99
46) 2-Chloronaphthalene	9.29	162	663072	42.99	ng		99
47) 2-Nitroaniline	9.39	65	223416	49.10	ng	#	85
48) Acenaphthylene	9.71	152	1137456	46.36	ng		99
49) Dimethylphthalate	9.59	163	854942	49.52	ng		99
50) 2,6-Dinitrotoluene	9.63	165	184291	46.61	ng	#	58
51) Acenaphthene	9.88	154	758544	49.56	ng		99
52) 3-Nitroaniline	9.80	138	158957	34.84	ng		88
53) 2,4-Dinitrophenol	9.91	184	145540	69.56	ng		96
54) Dibenzofuran	10.06	168	987626	46.86	ng		94
55) 4-Nitrophenol	9.96	139	104451	29.49	ng		88
56) 2,4-Dinitrotoluene	10.04	165	258309	50.83	ng		92
57) Fluorene	10.40	166	728163	51.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	180539	46.33	ng	#	53
59) Diethylphthalate	10.27	149	752227	43.04	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	280959	40.08	ng		98
61) 4-Nitroaniline	10.42	138	205665	47.52	ng		97
62) Azobenzene	10.55	77	789395	45.67	ng		98
64) 4,6-Dinitro-2-methylphenol	10.44	198	106553	40.39	ng		96
65) n-Nitrosodiphenylamine	10.51	169	703177	49.70	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	221310	48.38	ng		98
67) Hexachlorobenzene	10.94	284	207276	43.61	ng		94
68) Atrazine	11.04	200	175178	40.89	ng		93
69) Pentachlorophenol	11.13	266	235043	93.81	ng		96
70) Phenanthrene	11.35	178	1064962	47.60	ng		100
71) Anthracene	11.40	178	1003819	44.48	ng		99
72) Carbazole	11.56	167	1114589	52.77	ng		99
73) Di-n-butylphthalate	11.90	149	1135286	42.46	ng		100
74) Fluoranthene	12.54	202	979760	41.49	ng		99
76) Benzidine	12.66	184	209132	24.85	ng		97
77) Pyrene	12.77	202	1037962	46.02	ng		100
79) Butylbenzylphthalate	13.39	149	551959	55.36	ng		98
80) Benzo(a)anthracene	13.95	228	747721	43.17	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	204839	43.98	ng	#	99
82) Chrysene	13.99	228	747917	45.90	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	568491	46.84	ng	#	98
84) Di-n-octyl phthalate	14.56	149	1023415	51.89	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.74	276	754118	49.82	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	725353	40.35	ng	#	96
88) Benzo(k)fluoranthene	15.01	252	738131m	54.43	ng		
89) Benzo(a)pyrene	15.31	252	686561	47.21	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	626929	46.41	ng		99
91) Benzo(g,h,i)perylene	17.15	276	614032	44.19	ng		99

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

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