Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120716\
Data File : BF091476.D
Acq On : 7 Dec 2016 18:23
Operator : UM/SJ
Sample : H5867-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
N002-WD-A5-01-01MSD

Manual Integrations APPROVED
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12/8/2016 2:04:31 PM

Quant Time: Dec 08 00:47:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 00:35:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	155715	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	598818	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	388368	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	676647	20.00	ng		0.00
75) Chrysene-d12	13.99	240	456030	20.00	ng		0.01
86) Perylene-d12	15.40	264	364920	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	932330	97.81	ng		0.02
7) Phenol-d6	6.47	99	1139986	97.16	ng		0.00
23) Nitrobenzene-d5	7.40	82	774409	72.47	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	456923	124.27	ng		0.01
44) 2-Fluorobiphenyl	9.20	172	1662687	77.52	ng		0.00
78) Terphenyl-d14	12.94	244	1771699	84.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	112158	26.01	ng	#	83
3) Pyridine	3.27	79	274665	22.51	ng	#	80
4) n-Nitrosodimethylamine	3.21	42	215794	33.70	ng		98
6) Aniline	6.49	93	182646	11.72	ng	#	17
8) 2-Chlorophenol	6.62	128	367355	35.15	ng	#	80
9) Benzaldehyde	6.38	77	79778	10.57	ng		84
10) Phenol	6.48	94	343748	24.90	ng		90
11) bis(2-Chloroethyl)ether	6.57	93	366416	37.14	ng		99
12) 1,3-Dichlorobenzene	6.78	146	363163	31.24	ng		95
13) 1,4-Dichlorobenzene	6.85	146	341628	29.54	ng		95
14) 1,2-Dichlorobenzene	7.01	146	374113	34.73	ng		96
15) Benzyl Alcohol	6.98	79	338887	36.09	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	701082	33.05	ng		73
17) 2-Methylphenol	7.10	107	285567	34.57	ng	#	76
18) Hexachloroethane	7.35	117	135023	32.89	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	284496	38.49	ng	#	89
20) 3+4-Methylphenols	7.25	107	351022	34.81	ng	#	60
22) Acetophenone	7.25	105	512334	36.10	ng	#	83
24) Nitrobenzene	7.42	77	420459	38.43	ng	#	89
25) Isophorone	7.66	82	721133	38.09	ng		99
26) 2-Nitrophenol	7.74	139	192480	38.61	ng	#	75
27) 2,4-Dimethylphenol	7.77	122	320206	34.33	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	470538	41.29	ng		99
29) 2,4-Dichlorophenol	7.98	162	328715	40.07	ng		97
30) 1,2,4-Trichlorobenzene	8.06	180	334037	36.32	ng		98
31) Naphthalene	8.14	128	1009482	35.47	ng		100
32) Benzoic acid	7.90	122	225200	32.76	ng		97
33) 4-Chloroaniline	8.20	127	85733	7.05	ng		99
34) Hexachlorobutadiene	8.26	225	218058	38.55	ng		99
35) Caprolactam	8.56	113	80266m	34.04	ng		
36) 4-Chloro-3-methylphenol	8.68	107	339856	38.37	ng		98
37) 2-Methylnaphthalene	8.84	142	798205	41.28	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	343333	31.36	ng		99
40) Hexachlorocyclopentadiene	8.98	237	392108	77.26	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	270769	38.05	ng		98
43) 2,4,5-Trichlorophenol	9.16	196	240083	33.67	ng	#	94
45) 1,1'-Biphenyl	9.29	154	889024	31.83	ng		97
46) 2-Chloronaphthalene	9.32	162	667993	32.12	ng		98
47) 2-Nitroaniline	9.42	65	281943	37.75	ng		90
48) Acenaphthylene	9.74	152	1159152	35.41	ng		99
49) Dimethylphthalate	9.60	163	832379	35.40	ng		98
50) 2,6-Dinitrotoluene	9.66	165	193737	36.86	ng		94
51) Acenaphthene	9.91	154	903756	40.93	ng		95
52) 3-Nitroaniline	9.82	138	75034	12.33	ng		85
53) 2,4-Dinitrophenol	9.93	184	243531	105.95	ng		93
54) Dibenzofuran	10.08	168	1117164	37.78	ng		93
55) 4-Nitrophenol	9.99	139	249808	56.85	ng		96
56) 2,4-Dinitrotoluene	10.06	165	243709	35.75	ng	#	61
57) Fluorene	10.42	166	910781	40.12	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.20	232	237230	38.96	ng		96
59) Diethylphthalate	10.30	149	857879	36.96	ng		97
60) 4-Chlorophenyl-phenylether	10.41	204	409140	35.94	ng	#	88
61) 4-Nitroaniline	10.44	138	178686	31.28	ng		83
62) Azobenzene	10.57	77	963580	40.68	ng		90
64) 4,6-Dinitro-2-methylphenol	10.47	198	168266	45.14	ng	#	55
65) n-Nitrosodiphenylamine	10.54	169	776911	37.87	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	308940	42.48	ng	#	82
67) Hexachlorobenzene	10.96	284	293984	37.41	ng	#	73
68) Atrazine	11.06	200	266779	40.15	ng		96
69) Pentachlorophenol	11.16	266	356827	77.12	ng		95
70) Phenanthrene	11.38	178	1332905	37.91	ng		99
71) Anthracene	11.43	178	1352524	38.76	ng		99
72) Carbazole	11.58	167	1150248	36.33	ng		99
73) Di-n-butylphthalate	11.92	149	1418316	39.52	ng		100
74) Fluoranthene	12.56	202	1315908	39.51	ng		99
76) Benzidine	12.68	184	117151	8.75	ng		98
77) Pyrene	12.79	202	1412926	40.83	ng		99
79) Butylbenzylphthalate	13.41	149	549034	42.37	ng		89
80) Benzo(a)anthracene	13.98	228	1007745	37.79	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	168278	17.91	ng	#	94
82) Chrysene	14.01	228	1008798	38.23	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	771996	47.00	ng	#	91
84) Di-n-octyl phthalate	14.59	149	1159381	46.64	ng		96
85) Indeno(1,2,3-cd)pyrene	16.79	276	823654	34.08	ng	#	91
87) Benzo(b)fluoranthene	15.00	252	808769	35.66	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	856709m	44.92	ng		
89) Benzo(a)pyrene	15.34	252	758857	37.25	ng	#	95
90) Dibenzo(a,h)anthracene	16.80	278	687102	36.47	ng	#	92
91) Benzo(g,h,i)perylene	17.20	276	689662	35.50	ng		96

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

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