Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
Data File : BF090633.D
Acq On : 18 Oct 2016 17:41
Operator : UM/SJ
Sample : H5289-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-3-2MSD

Quant Time: Oct 19 11:25:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 17 19:19:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	223520	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	1022699	20.00	ng		-0.01
38) Acenaphthene-d10	9.95	164	508781	20.00	ng		-0.01
63) Phenanthrene-d10	11.43	188	710455	20.00	ng		-0.01
75) Chrysene-d12	14.09	240	522735	20.00	ng		0.00
86) Perylene-d12	15.54	264	511108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1417271	116.24	ng		0.00
7) Phenol-d6	6.54	99	1953252	107.81	ng		0.00
23) Nitrobenzene-d5	7.47	82	1316133	71.49	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	371986	82.01	ng		-0.01
44) 2-Fluorobiphenyl	9.27	172	2050696	66.41	ng		0.00
78) Terphenyl-d14	13.02	244	1370327	61.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	224019	32.24	ng		96
3) Pyridine	3.32	79	613511m	39.39	ng		
4) n-Nitrosodimethylamine	3.26	42	237563	43.42	ng		93
6) Aniline	6.63	93	1143748	52.24	ng	#	56
8) 2-Chlorophenol	6.69	128	627813	39.71	ng		85
9) Benzaldehyde	6.44	77	155113	13.47	ng		91
10) Phenol	6.55	94	696240	33.60	ng		97
11) bis(2-Chloroethyl)ether	6.63	93	1206529	70.58	ng		96
12) 1,3-Dichlorobenzene	6.84	146	613648	38.92	ng		97
13) 1,4-Dichlorobenzene	6.92	146	652471	38.05	ng		99
14) 1,2-Dichlorobenzene	7.07	146	584647	36.47	ng		96
15) Benzyl Alcohol	7.05	79	541530	43.88	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	962738	40.02	ng		91
17) 2-Methylphenol	7.16	107	464812	37.73	ng		97
18) Hexachloroethane	7.41	117	234739	34.64	ng		92
19) n-Nitroso-di-n-propylamine	7.32	70	483512	38.92	ng	#	94
20) 3+4-Methylphenols	7.32	107	618202	41.39	ng	#	70
22) Acetophenone	7.31	105	864079	38.24	ng	#	92
24) Nitrobenzene	7.49	77	709691	37.56	ng	#	83
25) Isophorone	7.73	82	1260155	37.61	ng	#	90
26) 2-Nitrophenol	7.80	139	273634	31.92	ng		99
27) 2,4-Dimethylphenol	7.85	122	499801	35.14	ng		99
28) bis(2-Chloroethoxy)methane	7.94	93	741486	37.48	ng		99
29) 2,4-Dichlorophenol	8.05	162	473829	38.03	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	521205	35.72	ng		99
31) Naphthalene	8.21	128	1796996	34.49	ng		98
32) Benzoic acid	7.93	122	53139	6.08	ng		92
33) 4-Chloroaniline	8.29	127	303682	15.25	ng		99
34) Hexachlorobutadiene	8.33	225	256524	31.46	ng		99
35) Caprolactam	8.63	113	159917	45.99	ng		97
36) 4-Chloro-3-methylphenol	8.75	107	506083	35.20	ng		92
37) 2-Methylnaphthalene	8.91	142	1187237	38.80	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	436073	32.33	ng		99
40) Hexachlorocyclopentadiene	9.06	237	259650	39.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	299071	39.30	ng		98
43) 2,4,5-Trichlorophenol	9.23	196	308792	34.02	ng		98
45) 1,1'-Biphenyl	9.37	154	1244531	32.14	ng		97
46) 2-Chloronaphthalene	9.40	162	1016759	35.22	ng		92
47) 2-Nitroaniline	9.49	65	343522	32.82	ng		96
48) Acenaphthylene	9.81	152	1623619	35.32	ng		99
49) Dimethylphthalate	9.67	163	1552553	47.03	ng	#	99
50) 2,6-Dinitrotoluene	9.73	165	233510	32.33	ng	#	76
51) Acenaphthene	9.98	154	950638	31.11	ng		99
52) 3-Nitroaniline	9.90	138	243379	26.85	ng		97
53) 2,4-Dinitrophenol	10.01	184	29146	12.58	ng	#	81
54) Dibenzofuran	10.15	168	1431800	35.62	ng		96
55) 4-Nitrophenol	10.07	139	340465	62.42	ng	#	82
56) 2,4-Dinitrotoluene	10.14	165	325963	33.22	ng	#	81
57) Fluorene	10.50	166	1086654	32.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	222056	29.37	ng		98
59) Diethylphthalate	10.37	149	1203131	35.94	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	477042	30.52	ng	#	85
61) 4-Nitroaniline	10.52	138	227498	25.03	ng		97
62) Azobenzene	10.65	77	1365165	35.25	ng		94
64) 4,6-Dinitro-2-methylphenol	10.54	198	41819	9.73	ng	#	43
65) n-Nitrosodiphenylamine	10.61	169	928404	39.56	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	268324	35.20	ng	#	83
67) Hexachlorobenzene	11.05	284	292039	35.28	ng	#	83
68) Atrazine	11.14	200	257234	39.63	ng		98
69) Pentachlorophenol	11.24	266	281312	68.58	ng		96
70) Phenanthrene	11.46	178	1390060	36.65	ng		100
71) Anthracene	11.51	178	1449809	35.52	ng		99
72) Carbazole	11.66	167	1091483	29.87	ng		99
73) Di-n-butylphthalate	11.99	149	1442509	33.70	ng	#	99
74) Fluoranthene	12.65	202	1334254	34.98	ng		94
76) Benzidine	12.78	184	98146	7.55	ng		97
77) Pyrene	12.87	202	1273008	36.77	ng		99
79) Butylbenzylphthalate	13.49	149	496769	32.39	ng	#	82
80) Benzo(a)anthracene	14.08	228	1232643	41.42	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	271315	26.69	ng	#	98
82) Chrysene	14.11	228	1268306	44.23	ng		100
83) Bis(2-ethylhexyl)phthalate	14.06	149	748893	36.19	ng	#	97
84) Di-n-octyl phthalate	14.67	149	1238777	44.65	ng		100
85) Indeno(1,2,3-cd)pyrene	17.00	276	992831	59.89	ng		98
87) Benzo(b)fluoranthene	15.12	252	1708909m	51.10	ng		
88) Benzo(k)fluoranthene	15.15	252	913804m	25.39	ng		
89) Benzo(a)pyrene	15.48	252	1109628	36.24	ng		98
90) Dibenzo(a,h)anthracene	17.01	278	801201	34.31	ng		96
91) Benzo(g,h,i)perylene	17.44	276	747087	33.55	ng		96

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

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