Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052716\
Data File : BF087449.D
Acq On : 27 May 2016 18:32
Operator : UM/SJ
Sample : PB90910BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB90910BS

Manual Integrations APPROVED
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5/31/2016 7:01:41 PM

Quant Time: May 28 00:18:36 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	103921	20.00	ng		-0.03
21) Naphthalene-d8	9.52	136	438858	20.00	ng		-0.03
38) Acenaphthene-d10	12.34	164	209729	20.00	ng		-0.05
63) Phenanthrene-d10	14.74	188	401479	20.00	ng		-0.03
75) Chrysene-d12	18.45	240	323923	20.00	ng		-0.03
86) Perylene-d12	20.13	264	213553	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	825106	139.51	ng		-0.01
7) Phenol-d6	7.04	99	1026968	128.51	ng		-0.03
23) Nitrobenzene-d5	8.40	82	719758	82.66	ng		-0.05
41) 2,4,6-Tribromophenol	13.65	330	259152	128.58	ng		-0.03
44) 2-Fluorobiphenyl	11.30	172	1253092	84.23	ng		-0.03
78) Terphenyl-d14	17.10	244	1150843	75.53	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	91104	29.19	ng	#	60
3) Pyridine	2.47	79	219633	32.19	ng	#	64
4) n-Nitrosodimethylamine	2.43	42	207021	39.38	ng	#	48
6) Aniline	6.99	93	244346	23.64	ng		93
8) 2-Chlorophenol	7.16	128	312679	42.39	ng		90
9) Benzaldehyde	6.86	77	27281	6.18	ng		97
10) Phenol	7.06	94	379858	43.53	ng		82
11) bis(2-Chloroethyl)ether	7.13	93	286063	40.50	ng		87
12) 1,3-Dichlorobenzene	7.38	146	315978	39.28	ng	#	93
13) 1,4-Dichlorobenzene	7.51	146	325541m	39.42	ng		
14) 1,2-Dichlorobenzene	7.75	146	309368	40.50	ng		99
15) Benzyl Alcohol	7.79	79	271085	46.53	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.99	45	589583	37.10	ng		88
17) 2-Methylphenol	8.00	107	253333	42.86	ng	#	83
18) Hexachloroethane	8.26	117	126349	41.01	ng	#	89
19) n-Nitroso-di-n-propylamine	8.20	70	250321	42.00	ng	#	69
20) 3+4-Methylphenols	8.27	107	333717	46.70	ng	#	61
22) Acetophenone	8.17	105	430831	41.09	ng	#	95
24) Nitrobenzene	8.43	77	362170	39.40	ng		98
25) Isophorone	8.82	82	625947	40.08	ng		97
26) 2-Nitrophenol	8.95	139	157959	42.04	ng	#	84
27) 2,4-Dimethylphenol	9.08	122	277901	42.61	ng		86
28) bis(2-Chloroethoxy)methane	9.21	93	374427	42.57	ng		98
29) 2,4-Dichlorophenol	9.36	162	259096	44.08	ng		97
30) 1,2,4-Trichlorobenzene	9.44	180	271138	40.29	ng		96
31) Naphthalene	9.55	128	895712	40.73	ng		100
32) Benzoic acid	9.40	122	115467	36.03	ng	#	76
33) 4-Chloroaniline	9.72	127	101074	12.48	ng	#	94
34) Hexachlorobutadiene	9.76	225	156918	38.36	ng		98
35) Caprolactam	10.32	113	76521m	44.60	ng		
36) 4-Chloro-3-methylphenol	10.57	107	293345	44.14	ng		91
37) 2-Methylnaphthalene	10.67	142	583038m	42.44	ng		
39) 1,2,4,5-Tetrachlorobenzene	10.95	216	259496	38.65	ng		99
40) Hexachlorocyclopentadiene	10.92	237	181058	67.25	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.19	196	157222	40.57	ng		92
43) 2,4,5-Trichlorophenol	11.27	196	148700	37.68	ng	#	88
45) 1,1'-Biphenyl	11.45	154	736487	41.71	ng		99
46) 2-Chloronaphthalene	11.46	162	537767	39.81	ng		94
47) 2-Nitroaniline	11.68	65	217941	44.78	ng	#	71
48) Acenaphthylene	12.11	152	874561	40.89	ng		99
49) Dimethylphthalate	12.00	163	685905	40.83	ng		100
50) 2,6-Dinitrotoluene	12.09	165	143060	42.26	ng	#	63
51) Acenaphthene	12.40	154	531965	40.47	ng		98
52) 3-Nitroaniline	12.38	138	66408	19.11	ng	#	87
53) 2,4-Dinitrophenol	12.57	184	110498	65.10	ng	#	84
54) Dibenzofuran	12.69	168	791225	44.46	ng		94
55) 4-Nitrophenol	12.75	139	133424	80.50	ng	#	46
56) 2,4-Dinitrotoluene	12.77	165	200229	44.25	ng		88
57) Fluorene	13.25	166	643474	41.69	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.93	232	133747	44.06	ng		96
59) Diethylphthalate	13.15	149	679153	41.58	ng		98
60) 4-Chlorophenyl-phenylether	13.27	204	298795	39.70	ng		93
61) 4-Nitroaniline	13.37	138	134960	41.62	ng	#	67
62) Azobenzene	13.52	77	802203	47.34	ng		84
64) 4,6-Dinitro-2-methylphenol	13.43	198	88779	34.78	ng	#	74
65) n-Nitrosodiphenylamine	13.49	169	549234	42.30	ng		100
66) 4-Bromophenyl-phenylether	14.06	248	176445	40.17	ng	#	86
67) Hexachlorobenzene	14.13	284	185419	40.36	ng	#	83
68) Atrazine	14.40	200	143474	34.67	ng		94
69) Pentachlorophenol	14.49	266	98952	70.14	ng		97
70) Phenanthrene	14.79	178	936051	42.09	ng		100
71) Anthracene	14.87	178	939040	41.80	ng		99
72) Carbazole	15.17	167	855723	44.66	ng		99
73) Di-n-butylphthalate	15.74	149	1005823	40.59	ng	#	99
74) Fluoranthene	16.55	202	931026	41.75	ng		95
76) Benzidine	16.80	184	80708	9.68	ng		98
77) Pyrene	16.85	202	951340	40.80	ng		99
79) Butylbenzylphthalate	17.76	149	421184	40.73	ng	#	66
80) Benzo(a)anthracene	18.43	228	728336	39.53	ng		99
81) 3,3'-Dichlorobenzidine	18.42	252	120467	11.84	ng	#	97
82) Chrysene	18.48	228	727881	39.80	ng		99
83) Bis(2-ethylhexyl)phthalate	18.51	149	597235	39.58	ng		99
84) Di-n-octyl phthalate	19.28	149	885558	38.49	ng	#	85
85) Indeno(1,2,3-cd)pyrene	21.34	276	533559	36.40	ng		94
87) Benzo(b)fluoranthene	19.71	252	570638	41.95	ng	#	94
88) Benzo(k)fluoranthene	19.74	252	595708m	50.88	ng		
89) Benzo(a)pyrene	20.06	252	544109	46.25	ng	#	96
90) Dibenzo(a,h)anthracene	21.34	278	452183	45.06	ng	#	94
91) Benzo(g,h,i)perylene	21.69	276	431769	43.61	ng	#	90

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

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