Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
Data File : BF088358.D
Acq On : 25 Jun 2016 4:51
Operator : UM/SJ
Sample : PB91593BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Manual Integrations APPROVED
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6/27/2016 8:13:35 PM

Quant Time: Jun 25 05:38:52 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 25 04:10:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	73166	20.00	ng		0.00
21) Naphthalene-d8	7.87	136	283476	20.00	ng		0.00
38) Acenaphthene-d10	9.62	164	116856	20.00	ng		0.00
63) Phenanthrene-d10	11.10	188	180451	20.00	ng		0.00
75) Chrysene-d12	13.71	240	144023	20.00	ng		-0.01
86) Perylene-d12	15.07	264	117169	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	510409	119.26	ng		0.02
7) Phenol-d6	6.25	99	574525	110.77	ng		-0.01
23) Nitrobenzene-d5	7.16	82	380120	78.30	ng		0.00
41) 2,4,6-Tribromophenol	10.41	330	117443	95.18	ng		0.00
44) 2-Fluorobiphenyl	8.95	172	650547	87.63	ng		-0.01
78) Terphenyl-d14	12.67	244	474797	75.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	62767	30.18	ng	#	31
3) Pyridine	2.75	79	68612	13.97	ng		92
4) n-Nitrosodimethylamine	2.67	42	29424	14.15	ng		89
6) Aniline	6.25	93	72555	9.83	ng	#	36
8) 2-Chlorophenol	6.38	128	104611	20.65	ng		88
9) Benzaldehyde	6.14	77	62213	15.03	ng		98
10) Phenol	6.27	94	122843	21.65	ng		90
11) bis(2-Chloroethyl)ether	6.33	93	102341	22.50	ng		85
12) 1,3-Dichlorobenzene	6.52	146	104957m	19.31	ng		
13) 1,4-Dichlorobenzene	6.60	146	114423	20.90	ng		96
14) 1,2-Dichlorobenzene	6.75	146	114440	22.98	ng		95
15) Benzyl Alcohol	6.75	79	73124	18.02	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.88	45	107144	17.44	ng	#	30
17) 2-Methylphenol	6.88	107	73587	17.91	ng	#	85
18) Hexachloroethane	7.08	117	34545	17.78	ng	#	83
19) n-Nitroso-di-n-propylamine	7.02	70	67397	20.31	ng	#	81
20) 3+4-Methylphenols	7.04	107	98091	20.46	ng	#	80
22) Acetophenone	7.00	105	145315	22.94	ng	#	98
24) Nitrobenzene	7.18	77	95017	20.21	ng		89
25) Isophorone	7.42	82	178717	19.88	ng		100
26) 2-Nitrophenol	7.50	139	53685	21.31	ng	#	87
27) 2,4-Dimethylphenol	7.55	122	92245	19.89	ng		98
28) bis(2-Chloroethoxy)methane	7.63	93	117816	21.13	ng	#	95
29) 2,4-Dichlorophenol	7.75	162	86957	22.46	ng		97
30) 1,2,4-Trichlorobenzene	7.82	180	90212	21.39	ng		99
31) Naphthalene	7.90	128	302695	21.58	ng		98
32) Benzoic acid	7.69	122	27933	10.94	ng		90
33) 4-Chloroaniline	7.96	127	58156	9.28	ng		95
34) Hexachlorobutadiene	8.01	225	47918	21.55	ng		98
35) Caprolactam	8.32	113	23068	17.98	ng	#	72
36) 4-Chloro-3-methylphenol	8.46	107	86028	20.77	ng		96
37) 2-Methylnaphthalene	8.58	142	190476	20.60	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.75	216	79452	22.10	ng	#	1
42) 2,4,6-Trichlorophenol	8.88	196	45878	19.63	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.92	196	51584	21.22	ng		94
45) 1,1'-Biphenyl	9.05	154	236996	24.14	ng		95
46) 2-Chloronaphthalene	9.07	162	175124	23.16	ng		93
47) 2-Nitroaniline	9.18	65	48403	21.70	ng		90
48) Acenaphthylene	9.47	152	256615	21.33	ng		98
49) Dimethylphthalate	9.36	163	201526	23.81	ng		98
50) 2,6-Dinitrotoluene	9.42	165	40350	20.81	ng	#	52
51) Acenaphthene	9.64	154	149852	19.97	ng		99
52) 3-Nitroaniline	9.60	138	34209	15.29	ng		86
53) 2,4-Dinitrophenol	9.74	184	3291	6.84	ng	#	79
54) Dibenzofuran	9.83	168	225071	21.78	ng		92
55) 4-Nitrophenol	9.79	139	32476m	18.71	ng		
56) 2,4-Dinitrotoluene	9.83	165	53252	21.37	ng	#	72
57) Fluorene	10.16	166	176229	22.86	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.95	232	39806	20.83	ng	#	59
59) Diethylphthalate	10.04	149	192654	22.48	ng		96
60) 4-Chlorophenyl-phenylether	10.16	204	82532	24.02	ng		95
61) 4-Nitroaniline	10.20	138	34568	16.29	ng		97
62) Azobenzene	10.32	77	189740	22.39	ng		94
64) 4,6-Dinitro-2-methylphenol	10.24	198	4210	5.73	ng		93
65) n-Nitrosodiphenylamine	10.28	169	156946	26.21	ng		98
66) 4-Bromophenyl-phenylether	10.64	248	45623	23.57	ng	#	73
67) Hexachlorobenzene	10.71	284	44567	22.16	ng	#	86
68) Atrazine	10.81	200	43784	24.15	ng		91
69) Pentachlorophenol	10.91	266	44029	41.53	ng		97
70) Phenanthrene	11.12	178	218052	23.03	ng		97
71) Anthracene	11.16	178	224519	23.51	ng		98
72) Carbazole	11.34	167	202077	22.61	ng		96
73) Di-n-butylphthalate	11.67	149	275078	24.31	ng	#	98
74) Fluoranthene	12.30	202	213961	21.41	ng		97
76) Benzidine	12.43	184	232169	58.22	ng		98
77) Pyrene	12.52	202	208742	19.53	ng		98
79) Butylbenzylphthalate	13.15	149	97543	20.64	ng		91
80) Benzo(a)anthracene	13.70	228	185041	22.55	ng		98
81) 3,3'-Dichlorobenzidine	13.68	252	63302	28.68	ng	#	98
82) Chrysene	13.75	228	190416	24.66	ng		96
83) Bis(2-ethylhexyl)phthalate	13.71	149	134407	23.37	ng	#	98
84) Di-n-octyl phthalate	14.32	149	253047	27.07	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.32	276	131235	18.29	ng	#	100
87) Benzo(b)fluoranthene	14.71	252	160671m	19.67	ng		
88) Benzo(k)fluoranthene	14.73	252	172245m	27.96	ng		
89) Benzo(a)pyrene	15.03	252	148009	22.40	ng	#	93
90) Dibenzo(a,h)anthracene	16.32	278	111534	18.17	ng		96
91) Benzo(g,h,i)perylene	16.70	276	104084	16.49	ng		97

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

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