Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102516\
Data File : BF090810.D
Acq On : 25 Oct 2016 16:36
Operator : UM/SJ
Sample : PB94289BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB94289BS

Manual Integrations APPROVED
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10/26/2016 4:45:34 PM

Quant Time: Oct 25 17:19:22 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 17:09:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	189040	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	805592	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	439588	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	730872	20.00	ng		0.01
75) Chrysene-d12	13.97	240	491711	20.00	ng		0.01
86) Perylene-d12	15.38	264	407929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1421559	121.28	ng		0.02
7) Phenol-d6	6.44	99	1634285	102.93	ng		0.00
23) Nitrobenzene-d5	7.37	82	1031347	70.22	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	511245	146.94	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2222516	78.49	ng		0.00
78) Terphenyl-d14	12.92	244	2197093	102.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	210937	31.10	ng	#	73
3) Pyridine	3.15	79	594735	37.42	ng	#	75
4) n-Nitrosodimethylamine	3.10	42	183410	33.73	ng	#	63
6) Aniline	6.46	93	281481	15.64	ng	#	51
8) 2-Chlorophenol	6.59	128	531255	37.76	ng		92
9) Benzaldehyde	6.34	77	96472	11.11	ng	#	74
10) Phenol	6.45	94	550697	30.86	ng	#	66
11) bis(2-Chloroethyl)ether	6.53	93	530010	35.34	ng		94
12) 1,3-Dichlorobenzene	6.74	146	575277	40.70	ng	#	94
13) 1,4-Dichlorobenzene	6.82	146	590447	39.38	ng	#	95
14) 1,2-Dichlorobenzene	6.97	146	544186m	37.08	ng		
15) Benzyl Alcohol	6.94	79	397136	36.83	ng	#	78
16) 2,2'-oxybis(1-Chloropropan	7.08	45	528067	23.51	ng		63
17) 2-Methylphenol	7.07	107	442965	41.78	ng	#	85
18) Hexachloroethane	7.31	117	203885	33.50	ng	#	83
19) n-Nitroso-di-n-propylamine	7.22	70	368388	31.16	ng	#	70
20) 3+4-Methylphenols	7.22	107	520335	41.41	ng	#	67
22) Acetophenone	7.22	105	721158	40.17	ng	#	83
24) Nitrobenzene	7.39	77	555814	34.91	ng	#	80
25) Isophorone	7.63	82	1065566	38.32	ng	#	92
26) 2-Nitrophenol	7.70	139	284610	43.75	ng	#	60
27) 2,4-Dimethylphenol	7.74	122	464536	40.27	ng	#	80
28) bis(2-Chloroethoxy)methane	7.85	93	642076	42.21	ng	#	95
29) 2,4-Dichlorophenol	7.95	162	462863	48.90	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	498210	44.72	ng		98
31) Naphthalene	8.11	128	1610707	40.87	ng		97
32) Benzoic acid	7.89	122	287578	37.35	ng	#	75
33) 4-Chloroaniline	8.17	127	153377	10.50	ng	#	96
34) Hexachlorobutadiene	8.22	225	262826	41.96	ng		98
35) Caprolactam	8.53	113	141690m	52.41	ng		
36) 4-Chloro-3-methylphenol	8.66	107	476998	43.32	ng		95
37) 2-Methylnaphthalene	8.81	142	1013723	44.02	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	467669	39.40	ng		99
40) Hexachlorocyclopentadiene	8.96	237	492370	88.36	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	322944	43.87	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	347999	46.59	ng	#	95
45) 1,1'-Biphenyl	9.26	154	1205454	34.92	ng		94
46) 2-Chloronaphthalene	9.29	162	975864	38.03	ng	#	90
47) 2-Nitroaniline	9.39	65	306446	35.98	ng	#	81
48) Acenaphthylene	9.71	152	1606688	41.04	ng		96
49) Dimethylphthalate	9.57	163	1133677	41.04	ng	#	97
50) 2,6-Dinitrotoluene	9.63	165	248815	41.89	ng	#	62
51) Acenaphthene	9.88	154	1118689	43.04	ng		90
52) 3-Nitroaniline	9.80	138	125492	18.38	ng	#	73
53) 2,4-Dinitrophenol	9.92	184	261933	77.95	ng	#	82
54) Dibenzofuran	10.05	168	1487705	47.25	ng	#	88
55) 4-Nitrophenol	9.97	139	365591	86.62	ng	#	62
56) 2,4-Dinitrotoluene	10.04	165	398413	54.88	ng	#	93
57) Fluorene	10.40	166	1197422	45.89	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.17	232	288270	49.17	ng		97
59) Diethylphthalate	10.27	149	1204077	42.03	ng		96
60) 4-Chlorophenyl-phenylether	10.38	204	525878	44.10	ng	#	84
61) 4-Nitroaniline	10.42	138	270973	39.18	ng	#	48
62) Azobenzene	10.54	77	1322333	39.42	ng		85
64) 4,6-Dinitro-2-methylphenol	10.45	198	177739	38.96	ng	#	63
65) n-Nitrosodiphenylamine	10.51	169	1021783	43.64	ng		89
66) 4-Bromophenyl-phenylether	10.88	248	340509	48.06	ng		98
67) Hexachlorobenzene	10.94	284	402619	48.15	ng	#	80
68) Atrazine	11.04	200	286823	44.38	ng		85
69) Pentachlorophenol	11.14	266	442564	82.75	ng		99
70) Phenanthrene	11.36	178	1678947	45.07	ng		95
71) Anthracene	11.40	178	1601959	38.78	ng		95
72) Carbazole	11.56	167	1509961	43.71	ng	#	93
73) Di-n-butylphthalate	11.89	149	1802043	40.22	ng	#	97
74) Fluoranthene	12.54	202	1591470	44.16	ng		87
76) Benzidine	12.67	184	297544	27.25	ng		98
77) Pyrene	12.54	202	1580257	46.02	ng		96
79) Butylbenzylphthalate	13.39	149	704956	44.66	ng	#	86
80) Benzo(a)anthracene	13.96	228	1166851	43.36	ng		97
81) 3,3'-Dichlorobenzidine	13.93	252	221756	23.78	ng	#	92
82) Chrysene	14.00	228	1296812	49.38	ng		94
83) Bis(2-ethylhexyl)phthalate	13.96	149	1016176	44.99	ng	#	98
84) Di-n-octyl phthalate	14.57	149	1584648	46.23	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.76	276	1015384	44.32	ng	#	91
87) Benzo(b)fluoranthene	14.98	252	973352m	38.80	ng		
88) Benzo(k)fluoranthene	15.01	252	1101733m	43.71	ng		
89) Benzo(a)pyrene	15.32	252	961722	40.87	ng	#	90
90) Dibenzo(a,h)anthracene	16.77	278	865161	38.29	ng	#	83
91) Benzo(g,h,i)perylene	17.17	276	812828	37.09	ng	#	79

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

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