Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085563.D
Acq On : 19 Mar 2016 9:22
Operator : UM/SJ
Sample : H1804-05MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-8CMSD

Manual Integrations APPROVED
apatel
3/21/2016 5:08:15 PM

Quant Time: Mar 21 11:34:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	133911	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	518684	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	244937	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	456396	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	365715	20.00	ng		0.00
86) Perylene-d12	15.43	264	264837	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1060198	132.98	ng		0.01
7) Phenol-d6	6.49	99	1503466	147.04	ng		0.00
23) Nitrobenzene-d5	7.42	82	978157	109.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.69	330	350009	145.88	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1639756	132.20	ng		0.00
78) Terphenyl-d14	12.96	244	1389141	91.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	169831	43.82	ng		99
3) Pyridine	3.26	79	460258	48.36	ng		99
4) n-Nitrosodimethylamine	3.21	42	199767	50.28	ng		96
6) Aniline	6.56	93	268539m	19.55	ng		
8) 2-Chlorophenol	6.64	128	450598	48.86	ng		96
9) Benzaldehyde	6.40	77	91106	15.76	ng		93
10) Phenol	6.52	94	504392	43.31	ng		89
11) bis(2-Chloroethyl)ether	6.60	93	459250m	52.31	ng		
12) 1,3-Dichlorobenzene	6.79	146	474438m	47.21	ng		
13) 1,4-Dichlorobenzene	6.87	146	466981	45.55	ng		98
14) 1,2-Dichlorobenzene	7.03	146	444873	48.88	ng		98
15) Benzyl Alcohol	7.00	79	373947	53.39	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	562592	48.72	ng		95
17) 2-Methylphenol	7.12	107	401981	52.58	ng		99
18) Hexachloroethane	7.36	117	180594	48.79	ng	#	82
19) n-Nitroso-di-n-propylamine	7.28	70	329735	53.98	ng		99
20) 3+4-Methylphenols	7.27	107	425705	48.08	ng		92
22) Acetophenone	7.27	105	574829	46.70	ng		99
24) Nitrobenzene	7.44	77	478798	48.95	ng		97
25) Isophorone	7.68	82	918708	51.35	ng		98
26) 2-Nitrophenol	7.76	139	275293	56.95	ng		92
27) 2,4-Dimethylphenol	7.80	122	409097	47.86	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	581982	57.19	ng		99
29) 2,4-Dichlorophenol	8.00	162	381414	54.03	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	393414	49.75	ng		98
31) Naphthalene	8.16	128	1256442	47.99	ng		100
32) Benzoic acid	7.88	122	38697	5.41	ng		93
33) 4-Chloroaniline	8.22	127	108727	10.13	ng		97
34) Hexachlorobutadiene	8.28	225	206681	49.04	ng		98
35) Caprolactam	8.60	113	131633m	54.19	ng		
36) 4-Chloro-3-methylphenol	8.70	107	418095	50.71	ng		98
37) 2-Methylnaphthalene	8.86	142	917797	57.51	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	327987	44.14	ng		98
40) Hexachlorocyclopentadiene	9.01	237	370731	110.71	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	261391	51.39	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	269217	52.01	ng	#	90
45) 1,1'-Biphenyl	9.32	154	938363	44.41	ng		99
46) 2-Chloronaphthalene	9.34	162	770945	49.95	ng	#	91
47) 2-Nitroaniline	9.44	65	253417	54.28	ng		100
48) Acenaphthylene	9.76	152	1295563	51.87	ng		100
49) Dimethylphthalate	9.62	163	1022668	55.33	ng		99
50) 2,6-Dinitrotoluene	9.68	165	197159	50.53	ng		98
51) Acenaphthene	9.93	154	883233	56.35	ng		100
52) 3-Nitroaniline	9.85	138	148690	30.42	ng		90
53) 2,4-Dinitrophenol	9.97	184	182271	76.25	ng	#	55
54) Dibenzofuran	10.10	168	1096207	57.43	ng		99
55) 4-Nitrophenol	10.02	139	382943	101.39	ng		99
56) 2,4-Dinitrotoluene	10.09	165	299022	58.53	ng	#	78
57) Fluorene	10.45	166	857988	53.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	210004	56.35	ng	#	96
59) Diethylphthalate	10.32	149	867375	47.20	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	383945	49.42	ng		95
61) 4-Nitroaniline	10.47	138	208059	43.19	ng		93
62) Azobenzene	10.60	77	968948	54.95	ng		98
64) 4,6-Dinitro-2-methylphenol	10.50	198	160708	55.03	ng	#	46
65) n-Nitrosodiphenylamine	10.56	169	792076	55.71	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	256209	56.19	ng		95
67) Hexachlorobenzene	11.00	284	286573	59.16	ng		94
68) Atrazine	11.09	200	247214	57.11	ng		99
69) Pentachlorophenol	11.19	266	333211	113.31	ng		99
70) Phenanthrene	11.41	178	1311900	54.52	ng		99
71) Anthracene	11.45	178	1179995	46.76	ng		100
72) Carbazole	11.61	167	1216001	55.86	ng		99
73) Di-n-butylphthalate	11.94	149	1486265	54.52	ng		100
74) Fluoranthene	12.60	202	1287189	51.08	ng		88
76) Benzidine	12.71	184	414961	33.74	ng		98
77) Pyrene	12.81	202	1247094	47.49	ng		99
79) Butylbenzylphthalate	13.43	149	588241	47.00	ng	#	74
80) Benzo(a)anthracene	14.00	228	1023708	48.22	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	180846	23.24	ng	#	97
82) Chrysene	14.04	228	898573	43.99	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	716476	46.07	ng	#	99
84) Di-n-octyl phthalate	14.61	149	1321743	52.16	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	814944	47.75	ng		100
87) Benzo(b)fluoranthene	15.03	252	892330	51.64	ng		98
88) Benzo(k)fluoranthene	15.07	252	825237m	57.96	ng		
89) Benzo(a)pyrene	15.39	252	821366	56.07	ng	#	97
90) Dibenzo(a,h)anthracene	16.86	278	679138	55.58	ng		97
91) Benzo(g,h,i)perylene	17.26	276	672372	56.85	ng		99

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

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