Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085627.D
Acq On : 21 Mar 2016 17:37
Operator : UM/SJ
Sample : H1816-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-9BMSD

Manual Integrations APPROVED
Sohil
3/22/2016 5:33:38 PM

Quant Time: Mar 22 01:44:52 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	6.85	152	126216	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	516396	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	236608	20.00	ng		-0.01
63) Phenanthrene-d10	11.36	188	438820	20.00	ng		-0.02
75) Chrysene-d12	14.00	240	331427	20.00	ng		-0.01
86) Perylene-d12	15.42	264	225554	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	885490	117.84	ng		0.01
7) Phenol-d6	6.48	99	983745	102.07	ng		-0.01
23) Nitrobenzene-d5	7.41	82	701056	78.80	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	315471	136.11	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1229581	89.97	ng		-0.02
78) Terphenyl-d14	12.95	244	1183983	85.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	123803	33.89	ng		98
3) Pyridine	3.33	79	250599	27.94	ng		99
4) n-Nitrosodimethylamine	3.25	42	140750	37.59	ng		96
6) Aniline	6.50	93	244438	18.88	ng	#	85
8) 2-Chlorophenol	6.63	128	334701	38.50	ng		99
9) Benzaldehyde	6.39	77	37594	5.67	ng		99
10) Phenol	6.49	94	349902	31.88	ng		99
11) bis(2-Chloroethyl)ether	6.58	93	331137	40.01	ng		99
12) 1,3-Dichlorobenzene	6.78	146	336501m	35.52	ng		
13) 1,4-Dichlorobenzene	6.86	146	332766	34.44	ng		99
14) 1,2-Dichlorobenzene	7.02	146	320454	37.35	ng		96
15) Benzyl Alcohol	6.98	79	260453	39.45	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	404489	37.17	ng		98
17) 2-Methylphenol	7.10	107	266995	37.05	ng		99
18) Hexachloroethane	7.35	117	126570	36.28	ng	#	81
19) n-Nitroso-di-n-propylamine	7.26	70	210211	36.51	ng		92
20) 3+4-Methylphenols	7.26	107	311826	37.36	ng		97
22) Acetophenone	7.26	105	437496	35.70	ng	#	96
24) Nitrobenzene	7.43	77	385801	39.62	ng		93
25) Isophorone	7.67	82	659359	37.02	ng		96
26) 2-Nitrophenol	7.75	139	186831	38.82	ng		93
27) 2,4-Dimethylphenol	7.78	122	298590	35.08	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	390349	38.53	ng		98
29) 2,4-Dichlorophenol	7.99	162	280875	39.96	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	288247	36.61	ng		97
31) Naphthalene	8.15	128	1034188	39.68	ng		100
32) Benzoic acid	7.91	122	187193	26.31	ng		98
33) 4-Chloroaniline	8.20	127	166268	15.56	ng	#	94
34) Hexachlorobutadiene	8.26	225	145232	34.62	ng		99
35) Caprolactam	8.57	113	79773m	32.99	ng		
36) 4-Chloro-3-methylphenol	8.69	107	297432	36.24	ng		100
37) 2-Methylnaphthalene	8.84	142	656427	41.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	252041	35.12	ng		98
40) Hexachlorocyclopentadiene	9.00	237	251435	77.73	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	196662	40.03	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	197595	39.52	ng	#	91
45) 1,1'-Biphenyl	9.30	154	724656	35.50	ng		98
46) 2-Chloronaphthalene	9.33	162	544473	36.52	ng		92
47) 2-Nitroaniline	9.43	65	196766	43.63	ng		89
48) Acenaphthylene	9.75	152	963065	39.91	ng		98
49) Dimethylphthalate	9.61	163	726866	40.71	ng		99
50) 2,6-Dinitrotoluene	9.67	165	154279	40.93	ng		90
51) Acenaphthene	9.92	154	669651	44.23	ng		99
52) 3-Nitroaniline	9.84	138	120752	25.58	ng	#	80
53) 2,4-Dinitrophenol	9.94	184	151549	65.63	ng		99
54) Dibenzofuran	10.09	168	839725	45.54	ng		96
55) 4-Nitrophenol	10.00	139	220047	60.31	ng		91
56) 2,4-Dinitrotoluene	10.07	165	194702	39.45	ng	#	47
57) Fluorene	10.44	166	621696	40.46	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.21	232	155772	43.27	ng		97
59) Diethylphthalate	10.31	149	723213	40.74	ng		99
60) 4-Chlorophenyl-phenylether	10.42	204	307319	40.95	ng		90
61) 4-Nitroaniline	10.46	138	169966	36.52	ng		91
62) Azobenzene	10.58	77	761043	44.68	ng		95
64) 4,6-Dinitro-2-methylphenol	10.48	198	100437	35.77	ng		89
65) n-Nitrosodiphenylamine	10.54	169	530019	38.77	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	184921	42.18	ng	#	87
67) Hexachlorobenzene	10.98	284	186615	40.07	ng	#	85
68) Atrazine	11.08	200	191554	46.03	ng		97
69) Pentachlorophenol	11.18	266	205268	72.60	ng		99
70) Phenanthrene	11.40	178	959859	41.48	ng		99
71) Anthracene	11.44	178	954851	39.36	ng		99
72) Carbazole	11.60	167	869086	41.52	ng		98
73) Di-n-butylphthalate	11.93	149	1099679	41.96	ng		99
74) Fluoranthene	12.57	202	878625	36.27	ng		97
76) Benzidine	12.70	184	170990	15.34	ng		98
77) Pyrene	12.80	202	882190	37.07	ng		99
79) Butylbenzylphthalate	13.42	149	396571	34.96	ng	#	75
80) Benzo(a)anthracene	13.99	228	742934	38.61	ng		100
81) 3,3'-Dichlorobenzidine	13.96	252	135932	19.28	ng	#	96
82) Chrysene	14.03	228	579009	31.28	ng		100
83) Bis(2-ethylhexyl)phthalate	13.98	149	471897	33.49	ng	#	99
84) Di-n-octyl phthalate	14.60	149	778629	33.90	ng		98
85) Indeno(1,2,3-cd)pyrene	16.81	276	545468	35.27	ng		99
87) Benzo(b)fluoranthene	15.02	252	621273m	42.21	ng		
88) Benzo(k)fluoranthene	15.04	252	465749m	38.41	ng		
89) Benzo(a)pyrene	15.36	252	497913	39.91	ng		99
90) Dibenzo(a,h)anthracene	16.83	278	454560	43.68	ng		97
91) Benzo(g,h,i)perylene	17.24	276	467185	46.38	ng		96

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

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