Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031716\
Data File : BF085514.D
Acq On : 18 Mar 2016 2:01
Operator : UM/SJ
Sample : H1774-12MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14-COMPMS

Manual Integrations APPROVED
UMANGI
3/18/2016 11:57:24 AM

Quant Time: Mar 18 03:54:01 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 18:57:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	141763	20.00	ng		-0.03
21) Naphthalene-d8	8.16	136	540751	20.00	ng		-0.05
38) Acenaphthene-d10	9.92	164	249267	20.00	ng		-0.03
63) Phenanthrene-d10	11.41	188	441185	20.00	ng		-0.03
75) Chrysene-d12	14.04	240	258953	20.00	ng		-0.05
86) Perylene-d12	15.48	264	258358	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1105980	134.11	ng		-0.02
7) Phenol-d6	6.52	99	1559388	145.77	ng		-0.03
23) Nitrobenzene-d5	7.44	82	1018050	111.31	ng		-0.05
41) 2,4,6-Tribromophenol	10.71	330	318969	138.93	ng		-0.05
44) 2-Fluorobiphenyl	9.25	172	1530640	106.53	ng		-0.03
78) Terphenyl-d14	12.99	244	1077030	94.09	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	175650	42.68	ng		96
3) Pyridine	3.29	79	468304	47.94	ng		95
4) n-Nitrosodimethylamine	3.24	42	220712	48.92	ng		96
6) Aniline	6.54	93	490787	33.23	ng	#	74
8) 2-Chlorophenol	6.66	128	474624	49.09	ng		99
9) Benzaldehyde	6.42	77	105447	17.65	ng		89
10) Phenol	6.53	94	503393	41.98	ng		85
11) bis(2-Chloroethyl)ether	6.62	93	495197	53.70	ng		100
12) 1,3-Dichlorobenzene	6.81	146	492595m	45.96	ng		
13) 1,4-Dichlorobenzene	6.89	146	494721	46.08	ng		98
14) 1,2-Dichlorobenzene	7.05	146	482494	51.22	ng		96
15) Benzyl Alcohol	7.02	79	399438	52.28	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	587247	46.77	ng		96
17) 2-Methylphenol	7.14	107	414760	51.24	ng		97
18) Hexachloroethane	7.40	117	186577	47.38	ng	#	86
19) n-Nitroso-di-n-propylamine	7.30	70	349652	54.58	ng		98
20) 3+4-Methylphenols	7.29	107	442314	50.97	ng	#	87
22) Acetophenone	7.29	105	589943	44.52	ng	#	94
24) Nitrobenzene	7.46	77	490098	47.56	ng		99
25) Isophorone	7.70	82	935558	50.16	ng		99
26) 2-Nitrophenol	7.78	139	281558	57.03	ng	#	91
27) 2,4-Dimethylphenol	7.82	122	402494	45.84	ng		92
28) bis(2-Chloroethoxy)methane	7.92	93	593484	53.22	ng		98
29) 2,4-Dichlorophenol	8.02	162	387972	54.47	ng		92
30) 1,2,4-Trichlorobenzene	8.10	180	394399	47.92	ng		100
31) Naphthalene	8.18	128	1273297	48.19	ng		99
32) Benzoic acid	7.91	122	76780	15.21	ng		99
33) 4-Chloroaniline	8.23	127	214191	18.85	ng		98
34) Hexachlorobutadiene	8.31	225	204610	47.56	ng		99
35) Caprolactam	8.62	113	135134m	58.10	ng		
36) 4-Chloro-3-methylphenol	8.72	107	416595	51.22	ng		99
37) 2-Methylnaphthalene	8.88	142	921108	55.05	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	338544	43.67	ng		98
40) Hexachlorocyclopentadiene	9.03	237	203719	54.37	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	255339	49.87	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	262822	50.82	ng		98
45) 1,1'-Biphenyl	9.35	154	983393	48.33	ng		92
46) 2-Chloronaphthalene	9.37	162	791201	51.90	ng		99
47) 2-Nitroaniline	9.46	65	243238	52.69	ng		90
48) Acenaphthylene	9.78	152	1192284	48.34	ng		98
49) Dimethylphthalate	9.65	163	1191194	65.50	ng		99
50) 2,6-Dinitrotoluene	9.70	165	201148	50.06	ng	#	77
51) Acenaphthene	9.96	154	745707	48.09	ng		99
52) 3-Nitroaniline	9.88	138	183367	38.17	ng		89
53) 2,4-Dinitrophenol	9.98	184	85751	42.49	ng	#	67
54) Dibenzofuran	10.13	168	1014271	53.25	ng		100
55) 4-Nitrophenol	10.05	139	376200	113.77	ng		90
56) 2,4-Dinitrotoluene	10.12	165	293705	58.28	ng		88
57) Fluorene	10.47	166	789017	51.95	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	194708	54.83	ng		96
59) Diethylphthalate	10.34	149	856553	48.66	ng		96
60) 4-Chlorophenyl-phenylether	10.46	204	349213	44.74	ng		97
61) 4-Nitroaniline	10.49	138	217590	48.17	ng		97
62) Azobenzene	10.62	77	907126	51.88	ng		98
64) 4,6-Dinitro-2-methylphenol	10.52	198	84070	31.90	ng	#	38
65) n-Nitrosodiphenylamine	10.58	169	755858	55.60	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	225170	50.43	ng		98
67) Hexachlorobenzene	11.02	284	241860	52.49	ng		97
68) Atrazine	11.11	200	227439	58.46	ng		98
69) Pentachlorophenol	11.21	266	267986	109.73	ng		98
70) Phenanthrene	11.43	178	1127063	49.05	ng		99
71) Anthracene	11.48	178	1155895	49.39	ng		99
72) Carbazole	11.64	167	1032320	52.12	ng		99
73) Di-n-butylphthalate	11.97	149	1359239	55.40	ng		98
74) Fluoranthene	12.62	202	1040576	48.17	ng		95
76) Benzidine	12.73	184	275898	34.30	ng		98
77) Pyrene	12.85	202	1035178	53.30	ng		98
79) Butylbenzylphthalate	13.47	149	497727	58.61	ng	#	71
80) Benzo(a)anthracene	14.03	228	723273	48.72	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	210540	41.90	ng	#	98
82) Chrysene	14.07	228	700280	52.44	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	635562	61.35	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1079569	71.38	ng		97
85) Indeno(1,2,3-cd)pyrene	16.89	276	757059	59.80	ng		98
87) Benzo(b)fluoranthene	15.07	252	796468m	47.20	ng		
88) Benzo(k)fluoranthene	15.09	252	636599m	48.17	ng		
89) Benzo(a)pyrene	15.42	252	721259	49.48	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	644170	45.24	ng		99
91) Benzo(g,h,i)perylene	17.33	276	596874	41.04	ng		94

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

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