Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033016\
Data File : BF085909.D
Acq On : 31 Mar 2016 3:57
Operator : UM/SJ
Sample : H2049-05MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOM-EAST-END-14BGLMS

Manual Integrations APPROVED
Sohil
3/31/2016 4:52:46 PM

Quant Time: Mar 31 05:03:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 30 12:31:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	103512	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	389499	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	185317	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	303611	20.00	ng		0.00
75) Chrysene-d12	13.96	240	192925	20.00	ng		-0.01
86) Perylene-d12	15.37	264	201649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	977421	157.26	ng		0.01
7) Phenol-d6	6.45	99	1127338	142.66	ng		0.00
23) Nitrobenzene-d5	7.37	82	749285	108.33	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	232360	131.97	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1143379	103.08	ng		0.00
78) Terphenyl-d14	12.91	244	774254	82.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	122688	41.34	ng		99
3) Pyridine	3.11	79	354263	49.79	ng		92
4) n-Nitrosodimethylamine	3.06	42	154502	54.24	ng		95
6) Aniline	6.47	93	237244	22.30	ng		97
8) 2-Chlorophenol	6.58	128	352442	48.80	ng		95
9) Benzaldehyde	6.34	77	179588	37.72	ng		98
10) Phenol	6.46	94	469257	52.41	ng		94
11) bis(2-Chloroethyl)ether	6.54	93	327263	47.50	ng		97
12) 1,3-Dichlorobenzene	6.73	146	352993m	45.39	ng		
13) 1,4-Dichlorobenzene	6.81	146	364477	46.21	ng		99
14) 1,2-Dichlorobenzene	6.97	146	350393	47.67	ng		98
15) Benzyl Alcohol	6.95	79	267208	50.68	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	418030	45.73	ng		92
17) 2-Methylphenol	7.06	107	277622	48.02	ng		98
18) Hexachloroethane	7.30	117	129405	44.81	ng	#	81
19) n-Nitroso-di-n-propylamine	7.22	70	242761	51.31	ng		98
20) 3+4-Methylphenols	7.22	107	350347	50.40	ng	#	75
22) Acetophenone	7.21	105	466639	51.43	ng		94
24) Nitrobenzene	7.38	77	337901	47.39	ng		98
25) Isophorone	7.62	82	669397	50.24	ng		100
26) 2-Nitrophenol	7.70	139	186577	52.31	ng		93
27) 2,4-Dimethylphenol	7.75	122	316079	50.70	ng		96
28) bis(2-Chloroethoxy)methane	7.84	93	439045	57.83	ng		99
29) 2,4-Dichlorophenol	7.96	162	274476	52.37	ng		93
30) 1,2,4-Trichlorobenzene	8.02	180	285930	49.14	ng		99
31) Naphthalene	8.10	128	923493	47.05	ng		100
32) Benzoic acid	7.84	122	31049	7.50	ng		94
33) 4-Chloroaniline	8.16	127	119409	14.90	ng		96
34) Hexachlorobutadiene	8.23	225	144679	45.75	ng		99
35) Caprolactam	8.54	113	91614	49.34	ng		87
36) 4-Chloro-3-methylphenol	8.65	107	293902	48.01	ng		98
37) 2-Methylnaphthalene	8.80	142	642321	61.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	247719	45.08	ng		100
40) Hexachlorocyclopentadiene	8.95	237	77669	39.20	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	189581	51.08	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	183976	47.27	ng		99
45) 1,1'-Biphenyl	9.27	154	704481	45.05	ng		94
46) 2-Chloronaphthalene	9.29	162	570848	49.65	ng		99
47) 2-Nitroaniline	9.40	65	177910	50.60	ng	#	67
48) Acenaphthylene	9.70	152	906963	48.41	ng		99
49) Dimethylphthalate	9.57	163	774804	55.11	ng		100
50) 2,6-Dinitrotoluene	9.64	165	158280	52.30	ng	#	80
51) Acenaphthene	9.88	154	529232	46.24	ng		100
52) 3-Nitroaniline	9.80	138	105138	30.35	ng		86
53) 2,4-Dinitrophenol	9.92	184	27050	22.39	ng	#	76
54) Dibenzofuran	10.05	168	749941	50.63	ng		99
55) 4-Nitrophenol	9.98	139	215097	95.31	ng		93
56) 2,4-Dinitrotoluene	10.04	165	166082	43.18	ng	#	43
57) Fluorene	10.39	166	591883	48.07	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	139836	51.69	ng		94
59) Diethylphthalate	10.26	149	612801	44.12	ng		98
60) 4-Chlorophenyl-phenylether	10.38	204	261595	43.45	ng		99
61) 4-Nitroaniline	10.41	138	128388	38.75	ng		88
62) Azobenzene	10.54	77	665919	49.89	ng		98
64) 4,6-Dinitro-2-methylphenol	10.45	198	46994	26.43	ng		91
65) n-Nitrosodiphenylamine	10.50	169	540905	56.25	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	165478	53.27	ng		97
67) Hexachlorobenzene	10.94	284	168195	51.78	ng		94
68) Atrazine	11.03	200	158305	48.76	ng		98
69) Pentachlorophenol	11.13	266	141139	88.50	ng		99
70) Phenanthrene	11.35	178	826109	52.99	ng		100
71) Anthracene	11.40	178	746103	45.59	ng		99
72) Carbazole	11.56	167	671990	48.91	ng		99
73) Di-n-butylphthalate	11.89	149	974789	51.70	ng		100
74) Fluoranthene	12.53	202	669852	40.42	ng		99
76) Benzidine	12.65	184	207884	30.60	ng		99
77) Pyrene	12.76	202	633539	39.95	ng		99
79) Butylbenzylphthalate	13.39	149	316584	47.67	ng		95
80) Benzo(a)anthracene	13.95	228	526963	47.90	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	130968	17.15	ng		98
82) Chrysene	13.99	228	497079	44.86	ng		100
83) Bis(2-ethylhexyl)phthalate	13.93	149	412275	51.85	ng		98
84) Di-n-octyl phthalate	14.55	149	728884	61.64	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	506166	59.16	ng		99
87) Benzo(b)fluoranthene	14.97	252	546824m	43.05	ng		
88) Benzo(k)fluoranthene	15.00	252	494300m	43.16	ng		
89) Benzo(a)pyrene	15.32	252	526445	46.67	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	439187	41.91	ng	#	96
91) Benzo(g,h,i)perylene	17.17	276	393918	37.12	ng		94

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

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