Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061516\
Data File : BF088061.D
Acq On : 16 Jun 2016 4:26
Operator : UM/SJ
Sample : H3571-12MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-26-COMPMS

Manual Integrations APPROVED
umangi
6/16/2016 6:46:51 PM

Quant Time: Jun 16 07:32:09 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 03:20:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	101894	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	414801	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	174739	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	279333	20.00	ng		0.00
75) Chrysene-d12	13.90	240	198737	20.00	ng		0.00
86) Perylene-d12	15.29	264	204053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	774599	129.96	ng		0.02
7) Phenol-d6	6.40	99	946342	131.01	ng		0.01
23) Nitrobenzene-d5	7.31	82	576352	81.14	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	179824	97.46	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1068158	96.80	ng		0.00
78) Terphenyl-d14	12.85	244	607197	69.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	103040	35.58	ng	#	34
3) Pyridine	3.02	79	284789	41.65	ng		92
4) n-Nitrosodimethylamine	2.97	42	132855	45.88	ng		83
6) Aniline	6.41	93	307666	29.92	ng	#	1
8) 2-Chlorophenol	6.54	128	332260	47.10	ng		85
10) Phenol	6.41	94	412982	55.98	ng		82
11) bis(2-Chloroethyl)ether	6.49	93	304317	48.05	ng		87
12) 1,3-Dichlorobenzene	6.68	146	343652	45.40	ng		96
13) 1,4-Dichlorobenzene	6.76	146	352348	46.21	ng		97
14) 1,2-Dichlorobenzene	6.91	146	297375m	42.88	ng		
15) Benzyl Alcohol	6.90	79	231117	40.90	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.04	45	373141	43.60	ng		87
17) 2-Methylphenol	7.02	107	259195	45.30	ng		98
18) Hexachloroethane	7.26	117	119556	44.19	ng		91
19) n-Nitroso-di-n-propylamine	7.18	70	209847	45.41	ng	#	84
20) 3+4-Methylphenols	7.18	107	311663	46.69	ng	#	77
22) Acetophenone	7.16	105	405477	43.74	ng	#	94
24) Nitrobenzene	7.34	77	337058	48.98	ng		95
25) Isophorone	7.58	82	581006	44.16	ng		99
26) 2-Nitrophenol	7.66	139	181657	49.28	ng	#	73
27) 2,4-Dimethylphenol	7.70	122	312909	46.11	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	386810	47.40	ng	#	97
29) 2,4-Dichlorophenol	7.90	162	255853	45.15	ng		99
30) 1,2,4-Trichlorobenzene	7.98	180	272888	44.23	ng		99
31) Naphthalene	8.06	128	916038	44.63	ng		100
32) Benzoic acid	7.82	122	53329	14.27	ng		92
33) 4-Chloroaniline	8.11	127	182402	19.90	ng	#	92
34) Hexachlorobutadiene	8.17	225	133785	41.12	ng		98
35) Caprolactam	8.49	113	86156m	45.90	ng		
36) 4-Chloro-3-methylphenol	8.60	107	269051	44.40	ng		97
37) 2-Methylnaphthalene	8.74	142	573165	42.36	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	236795	57.37	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	99973	35.47	ng		99
42) 2,4,6-Trichlorophenol	9.03	196	159147	45.54	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.07	196	156678	43.10	ng	#	82
45) 1,1'-Biphenyl	9.21	154	625186	48.09	ng		99
46) 2-Chloronaphthalene	9.23	162	507780	44.91	ng		99
47) 2-Nitroaniline	9.34	65	163948	49.15	ng	#	79
48) Acenaphthylene	9.64	152	760002	42.26	ng		100
49) Dimethylphthalate	9.52	163	771054	60.92	ng		99
50) 2,6-Dinitrotoluene	9.58	165	125798	43.40	ng	#	61
51) Acenaphthene	9.82	154	470759	41.96	ng		97
52) 3-Nitroaniline	9.75	138	98466	29.44	ng	#	75
53) 2,4-Dinitrophenol	9.85	184	68052	48.22	ng	#	85
54) Dibenzofuran	9.99	168	630989	40.83	ng	#	89
55) 4-Nitrophenol	9.92	139	172679	66.51	ng		88
56) 2,4-Dinitrotoluene	9.99	165	167937	45.08	ng	#	89
57) Fluorene	10.33	166	457468	43.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	132621	46.42	ng	#	56
59) Diethylphthalate	10.22	149	588712	45.95	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	219595	42.73	ng	#	87
61) 4-Nitroaniline	10.35	138	119694	37.72	ng		97
62) Azobenzene	10.48	77	555387	43.83	ng		93
64) 4,6-Dinitro-2-methylphenol	10.39	198	65460	38.01	ng		88
65) n-Nitrosodiphenylamine	10.44	169	441230	47.60	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	134428	44.86	ng	#	81
67) Hexachlorobenzene	10.88	284	147665	47.42	ng	#	87
68) Atrazine	10.98	200	142628	50.82	ng		98
69) Pentachlorophenol	11.07	266	131424	80.07	ng		96
70) Phenanthrene	11.29	178	699551	47.73	ng		99
71) Anthracene	11.34	178	644251	43.57	ng		99
72) Carbazole	11.50	167	613885	44.37	ng		100
73) Di-n-butylphthalate	11.84	149	802219	45.80	ng	#	97
74) Fluoranthene	12.47	202	566886	36.65	ng		97
76) Benzidine	12.59	184	342747	62.29	ng		99
77) Pyrene	12.70	202	564913	38.31	ng		100
79) Butylbenzylphthalate	13.33	149	296505	45.48	ng		95
80) Benzo(a)anthracene	13.89	228	479717	42.36	ng		100
81) 3,3'-Dichlorobenzidine	13.85	252	149437	49.07	ng	#	97
82) Chrysene	13.92	228	466382	43.77	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	337347	42.50	ng		100
84) Di-n-octyl phthalate	14.49	149	680707	52.78	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	489507	49.45	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	543707m	38.23	ng		
88) Benzo(k)fluoranthene	14.93	252	499236m	46.53	ng		
89) Benzo(a)pyrene	15.23	252	515137	44.77	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	410996	38.46	ng		98
91) Benzo(g,h,i)perylene	17.03	276	399593	36.35	ng		99

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

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