Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061416\
Data File : BF088028.D
Acq On : 15 Jun 2016 5:47
Operator : UM/SJ
Sample : H3425-06MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP16-LF2MW2MS

Manual Integrations APPROVED
sohil
6/15/2016 6:41:26 PM

Quant Time: Jun 15 07:23:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 15 04:08:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115327	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	436019	20.00	ng		0.01
38) Acenaphthene-d10	9.83	164	186318	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	290796	20.00	ng		0.01
75) Chrysene-d12	13.94	240	237776	20.00	ng		0.00
86) Perylene-d12	15.35	264	208159	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	434161	64.36	ng		0.01
7) Phenol-d6	6.42	99	321684	39.35	ng		0.00
23) Nitrobenzene-d5	7.36	82	691099	92.56	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	181009	92.01	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1009927	85.16	ng		0.00
78) Terphenyl-d14	12.89	244	771247	73.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	53551	16.34	ng	#	32
3) Pyridine	3.07	79	108444	14.01	ng		94
4) n-Nitrosodimethylamine	2.99	42	54427	16.60	ng		86
6) Aniline	6.44	93	243274	20.91	ng		96
8) 2-Chlorophenol	6.57	128	304329	38.11	ng		91
9) Benzaldehyde	6.32	77	17286	2.94	ng		84
10) Phenol	6.43	94	132345	13.96	ng	#	65
11) bis(2-Chloroethyl)ether	6.52	93	349756	48.79	ng		87
12) 1,3-Dichlorobenzene	6.72	146	321772	37.56	ng		99
13) 1,4-Dichlorobenzene	6.80	146	327913	38.00	ng		98
14) 1,2-Dichlorobenzene	6.96	146	337098	42.95	ng		97
15) Benzyl Alcohol	6.92	79	168629	26.36	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	431560	44.56	ng		90
17) 2-Methylphenol	7.05	107	188270	29.07	ng		99
18) Hexachloroethane	7.30	117	106509	34.78	ng		90
19) n-Nitroso-di-n-propylamine	7.21	70	221730	42.39	ng		89
20) 3+4-Methylphenols	7.21	107	208314	27.57	ng	#	81
22) Acetophenone	7.20	105	444441	45.61	ng	#	95
24) Nitrobenzene	7.37	77	311219	43.03	ng		88
25) Isophorone	7.62	82	646439	46.74	ng	#	93
26) 2-Nitrophenol	7.69	139	172240	44.46	ng	#	87
27) 2,4-Dimethylphenol	7.74	122	284617	39.90	ng		95
28) bis(2-Chloroethoxy)methane	7.83	93	392381	45.74	ng	#	97
29) 2,4-Dichlorophenol	7.94	162	259892	43.63	ng		88
30) 1,2,4-Trichlorobenzene	8.02	180	283798	43.76	ng		96
31) Naphthalene	8.09	128	929578	43.08	ng		100
32) Benzoic acid	7.83	122	37719	9.60	ng		96
33) 4-Chloroaniline	8.15	127	275660	28.61	ng		96
34) Hexachlorobutadiene	8.22	225	144976	42.39	ng		98
35) Caprolactam	8.52	113	12747	6.46	ng	#	78
36) 4-Chloro-3-methylphenol	8.63	107	227419	35.70	ng		97
37) 2-Methylnaphthalene	8.79	142	607670	42.73	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	268366	65.03	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	29203	9.72	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	167828	45.04	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	181929	46.93	ng		97
45) 1,1'-Biphenyl	9.26	154	746704	54.74	ng		98
46) 2-Chloronaphthalene	9.28	162	574010	47.61	ng		97
47) 2-Nitroaniline	9.37	65	154395	43.41	ng		94
48) Acenaphthylene	9.69	152	820888	42.80	ng		99
49) Dimethylphthalate	9.56	163	745106	55.21	ng		99
50) 2,6-Dinitrotoluene	9.62	165	159499	51.60	ng		91
51) Acenaphthene	9.86	154	494149	41.30	ng		98
52) 3-Nitroaniline	9.78	138	108151	30.32	ng		99
53) 2,4-Dinitrophenol	9.90	184	32899	25.10	ng	#	71
54) Dibenzofuran	10.03	168	712003	43.21	ng		92
55) 4-Nitrophenol	9.95	139	74073	26.76	ng	#	77
56) 2,4-Dinitrotoluene	10.02	165	171069	43.07	ng	#	71
57) Fluorene	10.38	166	538971	48.82	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	125545	41.21	ng	#	56
59) Diethylphthalate	10.25	149	642961	47.06	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	226570	41.35	ng		93
61) 4-Nitroaniline	10.40	138	142480	42.12	ng		99
62) Azobenzene	10.52	77	566901	41.96	ng		95
64) 4,6-Dinitro-2-methylphenol	10.43	198	28561	17.19	ng	#	55
65) n-Nitrosodiphenylamine	10.49	169	504342	52.27	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	151800	48.66	ng	#	89
67) Hexachlorobenzene	10.92	284	161597	49.85	ng	#	82
68) Atrazine	11.02	200	122705	41.99	ng		92
69) Pentachlorophenol	11.12	266	152719	89.38	ng		98
70) Phenanthrene	11.34	178	767280	50.28	ng		99
71) Anthracene	11.38	178	689987	44.83	ng		99
72) Carbazole	11.54	167	714655	49.62	ng		99
73) Di-n-butylphthalate	11.87	149	833649	45.72	ng		100
74) Fluoranthene	12.51	202	714270	44.35	ng		97
76) Benzidine	12.64	184	278567	42.31	ng		98
77) Pyrene	12.74	202	731365	41.45	ng		100
79) Butylbenzylphthalate	13.37	149	387945	49.73	ng		92
80) Benzo(a)anthracene	13.93	228	611988	45.17	ng		100
81) 3,3'-Dichlorobenzidine	13.90	252	205817	56.48	ng	#	95
82) Chrysene	13.98	228	678185	53.20	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	451716	47.57	ng		99
84) Di-n-octyl phthalate	14.54	149	928233	60.16	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	533934	45.08	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	757011m	52.18	ng		
88) Benzo(k)fluoranthene	14.98	252	454274m	41.51	ng		
89) Benzo(a)pyrene	15.29	252	551691	47.00	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	451186	41.38	ng		97
91) Benzo(g,h,i)perylene	17.12	276	441099	39.33	ng		99

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

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