Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
Data File : BF086204.D
Acq On : 9 Apr 2016 8:06
Operator : UM/SJ
Sample : H2339-01MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUMPPUMP-5MS

Manual Integrations APPROVED
Sohil
4/11/2016 5:45:31 PM

Quant Time: Apr 11 01:04:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120219	20.00	ng		-0.05
21) Naphthalene-d8	8.02	136	452242	20.00	ng		-0.05
38) Acenaphthene-d10	9.77	164	195417	20.00	ng		-0.05
63) Phenanthrene-d10	11.24	188	296534	20.00	ng		-0.06
75) Chrysene-d12	13.88	240	230576	20.00	ng		-0.05
86) Perylene-d12	15.28	264	190854	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	786954	111.89	ng		-0.02
7) Phenol-d6	6.38	99	878489	98.34	ng		-0.03
23) Nitrobenzene-d5	7.30	82	594781	77.56	ng		-0.05
41) 2,4,6-Tribromophenol	10.56	330	182306	99.39	ng		-0.05
44) 2-Fluorobiphenyl	9.09	172	1042740	88.72	ng		-0.05
78) Terphenyl-d14	12.83	244	661672	67.46	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	110909	33.26	ng		99
3) Pyridine	3.10	79	177586	23.79	ng		100
4) n-Nitrosodimethylamine	3.01	42	124950	38.07	ng		98
6) Aniline	6.40	93	172646	14.73	ng	#	1
8) 2-Chlorophenol	6.52	128	287971	34.33	ng		96
9) Benzaldehyde	6.28	77	69105	14.38	ng		97
10) Phenol	6.40	94	344729	33.83	ng		89
11) bis(2-Chloroethyl)ether	6.48	93	307289m	38.08	ng		
12) 1,3-Dichlorobenzene	6.67	146	305327	34.35	ng		98
13) 1,4-Dichlorobenzene	6.75	146	310878m	33.94	ng		
14) 1,2-Dichlorobenzene	6.90	146	292325	34.68	ng		99
15) Benzyl Alcohol	6.89	79	229424	39.69	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.01	45	331148	33.59	ng		58
17) 2-Methylphenol	7.00	107	234828	35.51	ng	#	93
18) Hexachloroethane	7.23	117	95248	28.28	ng	#	81
19) n-Nitroso-di-n-propylamine	7.15	70	194823	35.18	ng	#	92
20) 3+4-Methylphenols	7.16	107	318753	39.63	ng	#	64
22) Acetophenone	7.15	105	425592	40.03	ng	#	88
24) Nitrobenzene	7.32	77	333185	39.71	ng		93
25) Isophorone	7.56	82	588881	38.90	ng		96
26) 2-Nitrophenol	7.64	139	141769	35.32	ng		91
27) 2,4-Dimethylphenol	7.69	122	283732	39.36	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	343321	38.65	ng		97
29) 2,4-Dichlorophenol	7.89	162	227386	37.31	ng		94
30) 1,2,4-Trichlorobenzene	7.96	180	257053	37.57	ng		95
31) Naphthalene	8.03	128	839047	36.88	ng		99
32) Benzoic acid	7.84	122	151695	28.68	ng		96
33) 4-Chloroaniline	8.10	127	106029	11.54	ng		97
34) Hexachlorobutadiene	8.16	225	134054	36.45	ng		99
35) Caprolactam	8.48	113	61079	31.59	ng		89
36) 4-Chloro-3-methylphenol	8.59	107	249767	36.45	ng		95
37) 2-Methylnaphthalene	8.73	142	542153	36.48	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	220355	37.52	ng		99
40) Hexachlorocyclopentadiene	8.88	237	23064	19.05	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	148311	39.32	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	140485	36.69	ng		97
45) 1,1'-Biphenyl	9.20	154	622585	36.95	ng		95
46) 2-Chloronaphthalene	9.22	162	473094	38.73	ng		98
47) 2-Nitroaniline	9.32	65	153217	42.87	ng		99
48) Acenaphthylene	9.63	152	743384	37.99	ng		99
49) Dimethylphthalate	9.49	163	551179	38.05	ng		99
50) 2,6-Dinitrotoluene	9.56	165	103862	33.89	ng		99
51) Acenaphthene	9.80	154	437770	37.62	ng		99
52) 3-Nitroaniline	9.73	138	76458	20.70	ng		97
53) 2,4-Dinitrophenol	9.86	184	23204	19.72	ng	#	78
54) Dibenzofuran	9.97	168	609595	39.67	ng		99
55) 4-Nitrophenol	9.92	139	129747	59.59	ng		90
56) 2,4-Dinitrotoluene	9.97	165	129908	33.55	ng	#	64
57) Fluorene	10.32	166	480314	36.59	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	108987	38.23	ng		97
59) Diethylphthalate	10.19	149	509685	34.86	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	226719	37.08	ng		97
61) 4-Nitroaniline	10.35	138	122980	33.81	ng		97
62) Azobenzene	10.46	77	557768	39.83	ng		99
64) 4,6-Dinitro-2-methylphenol	10.38	198	19322	10.75	ng		84
65) n-Nitrosodiphenylamine	10.43	169	429230	46.28	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	129680	42.83	ng		92
67) Hexachlorobenzene	10.86	284	132237	42.24	ng		99
68) Atrazine	10.96	200	91661	30.59	ng		98
69) Pentachlorophenol	11.06	266	109771	74.81	ng		98
70) Phenanthrene	11.28	178	631574	39.04	ng		98
71) Anthracene	11.32	178	606023	35.76	ng		100
72) Carbazole	11.48	167	537186	36.88	ng		99
73) Di-n-butylphthalate	11.81	149	797375	44.18	ng		99
74) Fluoranthene	12.45	202	539359	32.05	ng		98
76) Benzidine	12.58	184	198718	24.43	ng		98
77) Pyrene	12.68	202	541164	33.31	ng		99
79) Butylbenzylphthalate	13.30	149	262126	35.83	ng	#	72
80) Benzo(a)anthracene	13.87	228	482293	35.48	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	128693	12.96	ng		98
82) Chrysene	13.91	228	440079	33.61	ng		100
83) Bis(2-ethylhexyl)phthalate	13.86	149	376964	38.82	ng		99
84) Di-n-octyl phthalate	14.48	149	672672	43.38	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	380591	35.83	ng		99
87) Benzo(b)fluoranthene	14.89	252	450016m	37.48	ng		
88) Benzo(k)fluoranthene	14.91	252	405780m	38.17	ng		
89) Benzo(a)pyrene	15.22	252	399447	37.55	ng		99
90) Dibenzo(a,h)anthracene	16.61	278	322726	37.71	ng		97
91) Benzo(g,h,i)perylene	17.01	276	305898	36.93	ng		95

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

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