Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099921.D
Acq On : 28 Oct 2017 17:03
Operator : SJ/JU
Sample : I6077-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-1-COMP-1MSD

Manual Integrations APPROVED
Sohil
10/30/2017 6:20:25 PM

Quant Time: Oct 30 10:58:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 27 15:58:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	94829	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	392832	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	177669	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	278113	20.00	ng		-0.02
75) Chrysene-d12	13.96	240	159216	20.00	ng		-0.03
86) Perylene-d12	15.43	264	179010	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	431868	71.50	ng		0.00
7) Phenol-d6	6.43	99	512311	71.53	ng		0.00
23) Nitrobenzene-d5	7.36	82	293317	48.07	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	102560	63.34	ng		-0.02
44) 2-Fluorobiphenyl	9.14	172	602058	52.28	ng		-0.02
78) Terphenyl-d14	12.89	244	397682	54.59	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	54051	20.264	ng		89
3) Pyridine	3.35	79	109402	17.056	ng	#	86
4) n-Nitrosodimethylamine	3.26	42	47852	20.882	ng	#	81
6) Aniline	6.46	93	148227	15.962	ng	#	90
8) 2-Chlorophenol	6.57	128	162490	25.241	ng		93
9) Benzaldehyde	6.35	77	79441	18.562	ng		99
10) Phenol	6.45	94	207189	26.348	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	151786	24.997	ng		95
12) 1,3-Dichlorobenzene	6.73	146	167472m	23.169	ng		
13) 1,4-Dichlorobenzene	6.80	146	172132	23.464	ng		98
14) 1,2-Dichlorobenzene	6.96	146	163226	24.413	ng		96
15) Benzyl Alcohol	6.94	79	115681	25.398	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	190333	28.217	ng	#	39
17) 2-Methylphenol	7.05	107	130159	24.171	ng		93
18) Hexachloroethane	7.29	117	56027	22.892	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	104690	24.943	ng		90
20) 3+4-Methylphenols	7.21	107	169610	27.051	ng	#	84
22) Acetophenone	7.20	105	221561	24.771	ng		96
24) Nitrobenzene	7.37	77	150913	24.547	ng		92
25) Isophorone	7.61	82	291805	26.355	ng		96
26) 2-Nitrophenol	7.69	139	87515	24.853	ng	#	84
27) 2,4-Dimethylphenol	7.73	122	139240	26.837	ng		96
28) bis(2-Chloroethoxy)methane	7.82	93	198538	25.604	ng		98
29) 2,4-Dichlorophenol	7.94	162	143167	26.563	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	142831	24.802	ng		99
31) Naphthalene	8.09	128	472794	24.933	ng		99
33) 4-Chloroaniline	8.15	127	123289	15.745	ng	#	93
34) Hexachlorobutadiene	8.20	225	71534	24.150	ng		98
35) Caprolactam	8.51	113	29047	17.137	ng	#	77
36) 4-Chloro-3-methylphenol	8.64	107	133811	24.324	ng		87
37) 2-Methylnaphthalene	8.78	142	326574	25.699	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	135892	23.682	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	9938	19.817	ng		95
42) 2,4,6-Trichlorophenol	9.07	196	84852	24.446	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	87983	23.887	ng	#	91
45) 1,1'-Biphenyl	9.25	154	381587	23.741	ng		97
46) 2-Chloronaphthalene	9.27	162	295890	25.349	ng		94
47) 2-Nitroaniline	9.38	65	73590	24.021	ng		87
48) Acenaphthylene	9.69	152	432876	24.078	ng		100
49) Dimethylphthalate	9.55	163	448476	31.875	ng		100
50) 2,6-Dinitrotoluene	9.62	165	75193	25.422	ng	#	76
51) Acenaphthene	9.86	154	265524	24.171	ng		99
52) 3-Nitroaniline	9.79	138	70127	20.122	ng	#	92
53) 2,4-Dinitrophenol	9.97	184	2541	7.780	ng	#	1
54) Dibenzofuran	10.03	168	388418	25.049	ng		99
55) 4-Nitrophenol	9.98	139	51747	28.417	ng		84
56) 2,4-Dinitrotoluene	10.03	165	90535	25.416	ng	#	97
57) Fluorene	10.37	166	310488	24.184	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	55348	21.432	ng	#	94
59) Diethylphthalate	10.24	149	333485	24.271	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	145375	24.060	ng		91
61) 4-Nitroaniline	10.41	138	64113	19.282	ng		85
62) Azobenzene	10.52	77	279128	24.234	ng		91
64) 4,6-Dinitro-2-methylphenol	10.46	198	7700	4.404	ng	#	72
65) n-Nitrosodiphenylamine	10.48	169	271936	26.488	ng		97
66) 4-Bromophenyl-phenylether	10.85	248	82063	28.028	ng		92
67) Hexachlorobenzene	10.93	284	78833	26.318	ng	#	86
68) Atrazine	11.01	200	80745	26.183	ng		100
69) Pentachlorophenol	11.13	266	32788	25.617	ng		98
70) Phenanthrene	11.34	178	513653	32.727	ng		99
71) Anthracene	11.39	178	417470	26.204	ng		99
72) Carbazole	11.55	167	345150	23.038	ng		99
73) Di-n-butylphthalate	11.86	149	489908	25.638	ng	#	99
74) Fluoranthene	12.53	202	440391	27.000	ng		98
76) Benzidine	12.66	184	72158	10.357	ng		98
77) Pyrene	12.76	202	431758	35.663	ng		99
79) Butylbenzylphthalate	13.36	149	147457	24.734	ng		95
80) Benzo(a)anthracene	13.96	228	292176	28.948	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	76320	20.831	ng		99
82) Chrysene	13.99	228	280532	29.564	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	219070	26.167	ng	#	99
84) Di-n-octyl phthalate	14.53	149	360402	25.081	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.90	276	300999	34.554	ng		97
87) Benzo(b)fluoranthene	15.00	252	310422	27.462	ng		100
88) Benzo(k)fluoranthene	15.03	252	264291	24.795	ng		100
89) Benzo(a)pyrene	15.37	252	285082	28.076	ng		98
90) Dibenzo(a,h)anthracene	16.89	278	238473	26.431	ng		97
91) Benzo(g,h,i)perylene	17.34	276	247376	28.025	ng		96

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

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