Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134905.D
Acq On : 23 Aug 2023 15:34
Operator : CG\JU
Sample : 04100-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1

Quant Time: Aug 24 04:25:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.79
21) Naphthalene-d8	8.298	136	215	20.000	ng	# 0.22
39) Acenaphthene-d10	10.063	164	1286	20.000	ng	# 0.23
64) Phenanthrene-d10	11.622	188	5831	20.000	ng	# 0.29
76) Chrysene-d12	14.351	240	3649	20.000	ng	# 0.37
86) Perylene-d12	15.827	264	1617	20.000	ng	# 0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	792806	0.000	ng	0.00
7) Phenol-d6	6.434	99	979774	0.000	ng	0.00
23) Nitrobenzene-d5	7.357	82	601406	154137.697	ng	0.00
42) 2,4,6-Tribromophenol	10.634	330	192402	12703.264	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	968748	11645.260	ng	0.00
79) Terphenyl-d14	13.369	244	4946	18.643	ng	0.45
Target Compounds						Qvalue
22) Acetophenone	7.416	105	56	11.784	ng	# 1
24) Nitrobenzene	7.587	77	189	48.274	ng	# 38
25) Isophorone	7.798	82	438	60.118	ng	# 28
27) 2,4-Dimethylphenol	7.875	122	182	57.249	ng	# 55
28) bis(2-Chloroethoxy)met...	8.081	93	393	90.504	ng	# 36
31) Naphthalene	8.092	128	15362	1430.944	ng	96
32) Benzoic acid	8.092	122	73	31.115	ng	# 1
33) 4-Chloroaniline	8.134	127	160	34.736	ng	# 47
35) Caprolactam	8.787	113	108	110.143	ng	# 1
36) 4-Chloro-3-methylphenol	8.875	107	2842	857.381	ng	# 74
37) 2-Methylnaphthalene	9.151	142	576	80.453	ng	88
38) 1-Methylnaphthalene	9.151	142	576	86.040	ng	83
43) 2,4,6-Trichlorophenol	9.392	196	53	2.048	ng	# 10
46) 1,1'-Biphenyl	9.251	154	3047	30.012	ng	85
47) 2-Chloronaphthalene	9.510	162	2163	28.528	ng	# 1
48) 2-Nitroaniline	9.592	65	1390	55.770	ng	89
49) Acenaphthylene	9.945	152	1273	10.902	ng	# 1
50) Dimethylphthalate	9.775	163	18713	204.427	ng	# 77
51) 2,6-Dinitrotoluene	9.845	165	3060	151.563	ng	# 40
52) Acenaphthene	9.863	154	19295	262.307	ng	89
53) 3-Nitroaniline	10.034	138	1351	61.265	ng	# 21
54) 2,4-Dinitrophenol	10.175	184	1023	107.090	ng	# 1
55) Dibenzofuran	10.234	168	778	7.264	ng	# 1
56) 4-Nitrophenol	10.186	139	1592	103.595	ng	# 1
57) 2,4-Dinitrotoluene	10.292	165	11548	462.505	ng	# 42
58) Fluorene	10.634	166	7084	87.211	ng	# 6
59) 2,3,4,6-Tetrachlorophenol	10.428	232	3065	131.295	ng	# 1
60) Diethylphthalate	10.516	149	11551	137.730	ng	# 32
61) 4-Chlorophenyl-phenyle...	10.398	204	20217	496.503	ng	94
62) 4-Nitroaniline	10.657	138	3445	167.117	ng	# 1
63) Azobenzene	10.763	77	9580	114.985	ng	# 12
65) 4,6-Dinitro-2-methylph...	10.716	198	2895	84.141	ng	# 1
66) n-Nitrosodiphenylamine	10.786	169	12925	68.833	ng	# 58
67) 4-Bromophenyl-phenylether	11.139	248	1478	21.970	ng	# 1
68) Hexachlorobenzene	11.216	284	263	3.676	ng	# 1
69) Atrazine	11.316	200	916	17.964	ng	# 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Pentachlorophenol	11.422	266	281	6.526	ng	#	1
71) Phenanthrene	11.416	178	79151	259.040	ng	#	70
72) Anthracene	11.669	178	2777	8.870	ng	#	1
73) Carbazole	11.875	167	4117	15.959	ng	#	1
74) Di-n-butylphthalate	12.233	149	10775	36.418	ng	#	48
75) Fluoranthene	12.804	202	491190	1696.592	ng		94
77) Benzidine	12.998	184	356	6.013	ng	#	1
80) Butylbenzylphthalate	13.874	149	8966	76.064	ng	#	53
81) Benzo(a)anthracene	14.110	228	32477	130.449	ng	#	35
82) 3,3'-Dichlorobenzidine	14.298	252	1425	18.084	ng	#	52
83) Chrysene	14.386	228	1580	6.432	ng	#	1
84) Bis(2-ethylhexyl)phtha...	14.510	149	2321	18.177	ng	#	70
85) Di-n-octyl phthalate	15.004	149	787	3.780	ng	#	75
87) Indeno(1,2,3-cd)pyrene	17.404	276	136292	1179.184	ng		96
88) Benzo(b)fluoranthene	15.404	252	255418	2799.711	ng		99
89) Benzo(k)fluoranthene	15.404	252	255418	2851.098	ng		97
90) Benzo(a)pyrene	15.498	252	69951	768.072	ng	#	92
91) Dibenzo(a,h)anthracene	17.392	278	4849	51.850	ng	#	80
92) Benzo(g,h,i)perylene	17.639	276	29827	311.561	ng	#	91

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

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