Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134907.D
Acq On : 23 Aug 2023 16:37
Operator : CG\JU
Sample : 04100-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MSD

Quant Time: Aug 24 04:26:56 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	8.140	136	1024	20.000	ng		# 0.06
39) Acenaphthene-d10	9.916	164	4600	20.000	ng		# 0.08
64) Phenanthrene-d10	11.445	188	3030	20.000	ng		# 0.12
76) Chrysene-d12	14.133	240	537	20.000	ng		# 0.15
86) Perylene-d12	15.639	264	1478	20.000	ng		# 0.19
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	774343	0.000	ng		0.01
7) Phenol-d6	6.440	99	981402	0.000	ng		0.00
23) Nitrobenzene-d5	7.357	82	599451	32257.693	ng		0.00
42) 2,4,6-Tribromophenol	10.639	330	190412	3514.659	ng		0.01
45) 2-Fluorobiphenyl	9.157	172	976522	3281.735	ng		0.00
79) Terphenyl-d14	12.951	244	678135	17368.861	ng		0.03
Target Compounds							Qvalue
22) Acetophenone	7.204	105	480637	21236.077	ng		97
24) Nitrobenzene	7.381	77	375169	20119.622	ng		97
25) Isophorone	7.616	82	664401	19146.852	ng		99
26) 2-Nitrophenol	7.693	139	123613	13315.596	ng		95
27) 2,4-Dimethylphenol	7.734	122	296874	19606.884	ng		98
28) bis(2-Chloroethoxy)met...	7.828	93	410568	19851.764	ng		99
29) 2,4-Dichlorophenol	7.934	162	290550	19421.229	ng		98
30) 1,2,4-Trichlorobenzene	8.016	180	325316	20482.472	ng		100
31) Naphthalene	8.098	128	1032906	20201.055	ng		99
32) Benzoic acid	7.863	122	198839	17794.464	ng		95
33) 4-Chloroaniline	8.151	127	143498	6540.987	ng		99
34) Hexachlorobutadiene	8.210	225	192590	20388.316	ng		98
35) Caprolactam	8.522	113	77057	16499.948	ng		98
36) 4-Chloro-3-methylphenol	8.634	107	292159	18505.781	ng		99
37) 2-Methylnaphthalene	8.887	142	584094	17129.455	ng		95
38) 1-Methylnaphthalene	8.887	142	584094	18318.839	ng		100
40) 1,2,4,5-Tetrachloroben...	8.957	216	299571	2137.210	ng		99
41) Hexachlorocyclopentadiene	8.940	237	75146	1210.899	ng		100
43) 2,4,6-Trichlorophenol	9.116	196	190679	2059.776	ng		97
44) 2,4,5-Trichlorophenol	9.116	196	190679	1779.134	ng		100
46) 1,1'-Biphenyl	9.257	154	749546	2063.951	ng		100
47) 2-Chloronaphthalene	9.281	162	560722	2067.486	ng		100
48) 2-Nitroaniline	9.381	65	198243	2223.632	ng		98
49) Acenaphthylene	9.698	152	820472	1964.432	ng		99
50) Dimethylphthalate	9.563	163	638671	1950.538	ng		100
51) 2,6-Dinitrotoluene	9.622	165	108869	1507.507	ng		90
52) Acenaphthene	9.869	154	477967	1816.547	ng		99
53) 3-Nitroaniline	9.792	138	129741	1644.816	ng	#	97
54) 2,4-Dinitrophenol	9.963	184	568	16.623	ng	#	1
55) Dibenzofuran	10.045	168	666431	1739.658	ng		95
56) 4-Nitrophenol	10.045	139	263692	4797.081	ng	#	18
57) 2,4-Dinitrotoluene	10.028	165	111611	1249.683	ng		96
58) Fluorene	10.392	166	449907	1548.463	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.239	232	6037	72.297	ng	#	33
60) Diethylphthalate	10.275	149	523105	1743.737	ng		94
61) 4-Chlorophenyl-phenyle...	10.386	204	235739	1618.527	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 4-Nitroaniline	10.410	138	106570	1445.270	ng		84
63) Azobenzene	10.551	77	431206	1446.914	ng		94
65) 4,6-Dinitro-2-methylph...	10.563	198	1503	84.065	ng	#	1
66) n-Nitrosodiphenylamine	10.504	169	394584	4043.935	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	9651	276.082	ng	#	1
68) Hexachlorobenzene	10.951	284	147503	3967.467	ng	#	90
69) Atrazine	11.151	200	22830	861.640	ng		83
70) Pentachlorophenol	11.151	266	142910	6387.299	ng		97
71) Phenanthrene	11.422	178	595942	3753.314	ng		96
72) Anthracene	11.422	178	595942	3663.210	ng		95
73) Carbazole	11.581	167	458657	3421.436	ng	#	94
74) Di-n-butylphthalate	11.922	149	504070	3278.580	ng		96
75) Fluoranthene	12.580	202	1003868	6672.750	ng		96
77) Benzidine	12.798	184	1252	143.698	ng	#	1
78) Pyrene	12.810	202	999825	17560.490	ng		98
80) Butylbenzylphthalate	13.427	149	262964	15159.201	ng		91
81) Benzo(a)anthracene	14.033	228	816209	22277.476	ng		96
82) 3,3'-Dichlorobenzidine	14.069	252	1730	149.188	ng	#	1
83) Chrysene	14.033	228	816209	22578.640	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	356848	18990.467	ng		98
85) Di-n-octyl phthalate	14.598	149	633553	20676.379	ng		99
87) Indeno(1,2,3-cd)pyrene	16.963	276	633305	5994.595	ng		98
88) Benzo(b)fluoranthene	15.045	252	837372	10041.897	ng		99
89) Benzo(k)fluoranthene	15.074	252	629445	7686.950	ng		97
90) Benzo(a)pyrene	15.410	252	667708	8021.033	ng		99
91) Dibenzo(a,h)anthracene	17.139	278	30238	353.743	ng		94
92) Benzo(g,h,i)perylene	17.415	276	516485	5902.374	ng		99

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

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