Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120423\
Data File : BF136380.D
Acq On : 04 Dec 2023 14:14
Operator : CG\JU
Sample : 05576-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-04-112923

Quant Time: Dec 04 14:36:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:30:53 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	-6.80
21) Naphthalene-d8	8.104	136	82	20.000	ng	# 0.02
39) Acenaphthene-d10	9.869	164	58	20.000	ng	# 0.03
64) Phenanthrene-d10	11.345	188	66	20.000	ng	# 0.02
76) Chrysene-d12	14.016	240	206	20.000	ng	# 0.04
86) Perylene-d12	15.510	264	971	20.000	ng	# 0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	948416	0.000	ng	0.00
7) Phenol-d6	6.440	99	1156391	0.000	ng	0.00
23) Nitrobenzene-d5	7.363	82	735644	474071.154	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	296316	417877.136	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1496157	329490.964	ng	0.00
79) Terphenyl-d14	12.921	244	1252323	70123.311	ng	0.00
Target Compounds						Qvalue
22) Acetophenone	7.263	105	765	355.221	ng	# 61
24) Nitrobenzene	7.392	77	102	64.864	ng	# 8
26) 2-Nitrophenol	7.704	139	128	191.041	ng	# 1
27) 2,4-Dimethylphenol	7.775	122	314	356.057	ng	# 1
28) bis(2-Chloroethoxy)met...	7.834	93	489	288.927	ng	# 1
29) 2,4-Dichlorophenol	7.981	162	359	301.807	ng	# 22
31) Naphthalene	8.098	128	8108	1759.152	ng	# 90
32) Benzoic acid	7.875	122	130	161.747	ng	# 37
33) 4-Chloroaniline	8.187	127	233	148.722	ng	# 38
35) Caprolactam	8.581	113	101	303.735	ng	# 1
36) 4-Chloro-3-methylphenol	8.681	107	255	197.660	ng	# 59
37) 2-Methylnaphthalene	8.786	142	16117	5574.484	ng	88
38) 1-Methylnaphthalene	8.886	142	12775	4529.455	ng	89
43) 2,4,6-Trichlorophenol	9.251	196	73	60.930	ng	# 14
44) 2,4,5-Trichlorophenol	9.251	196	73	55.833	ng	# 1
46) 1,1'-Biphenyl	9.251	154	5671	1108.758	ng	85
47) 2-Chloronaphthalene	9.322	162	470	118.328	ng	# 76
48) 2-Nitroaniline	9.422	65	415	400.181	ng	# 34
49) Acenaphthylene	9.739	152	533	94.031	ng	# 1
50) Dimethylphthalate	9.592	163	496	113.145	ng	# 29
51) 2,6-Dinitrotoluene	9.669	165	516	576.170	ng	# 51
52) Acenaphthene	9.863	154	24135	6737.694	ng	# 85
53) 3-Nitroaniline	9.810	138	426	479.398	ng	# 57
54) 2,4-Dinitrophenol	10.128	184	55	132.048	ng	# 32
55) Dibenzofuran	10.039	168	24959	4682.488	ng	# 92
56) 4-Nitrophenol	9.980	139	408	604.532	ng	# 1
57) 2,4-Dinitrotoluene	10.069	165	466	389.543	ng	# 25
58) Fluorene	10.380	166	27683	6621.122	ng	# 91
60) Diethylphthalate	10.292	149	977	222.798	ng	# 81
61) 4-Chlorophenyl-phenyle...	10.386	204	67	32.998	ng	# 1
62) 4-Nitroaniline	10.586	138	322	370.194	ng	96
63) Azobenzene	10.575	77	248	61.003	ng	# 63
65) 4,6-Dinitro-2-methylph...	10.622	198	470	1302.229	ng	# 1
66) n-Nitrosodiphenylamine	10.533	169	1323	625.513	ng	# 31
67) 4-Bromophenyl-phenylether	10.622	248	17624	22888.475	ng	# 1
69) Atrazine	11.045	200	93	148.225	ng	# 27

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71) Phenanthrene	11.345	178	251800	67879.816	ng		96
72) Anthracene	11.345	178	251800	67688.695	ng		97
73) Carbazole	11.557	167	26799	8470.356	ng		99
74) Di-n-butylphthalate	11.939	149	359	90.687	ng	#	1
75) Fluoranthene	12.545	202	323164	85816.180	ng		94
77) Benzidine	12.651	184	648	191.360	ng	#	1
78) Pyrene	12.545	202	323337	14331.940	ng		95
80) Butylbenzylphthalate	13.427	149	330	46.999	ng	#	58
81) Benzo(a)anthracene	13.998	228	140521	9183.763	ng		96
82) 3,3'-Dichlorobenzidine	13.963	252	414	112.403	ng	#	48
83) Chrysene	13.963	228	149182	10097.772	ng		95
84) Bis(2-ethylhexyl)phtha...	13.992	149	728	86.394	ng	#	73
85) Di-n-octyl phthalate	14.621	149	1494	102.587	ng	#	1
87) Indeno(1,2,3-cd)pyrene	16.957	276	61482	802.487	ng		98
88) Benzo(b)fluoranthene	15.133	252	22799	334.670	ng	#	69
89) Benzo(k)fluoranthene	15.133	252	22799	352.372	ng	#	67
90) Benzo(a)pyrene	15.486	252	30509	547.839	ng	#	77
91) Dibenzo(a,h)anthracene	17.051	278	5894	98.173	ng	#	60
92) Benzo(g,h,i)perylene	17.415	276	53191	875.826	ng		95

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

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