Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
Data File : BF136098.D
Acq On : 02 Nov 2023 16:24
Operator : CG\JU
Sample : PB156660BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB156660BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/03/2023

Quant Time: Nov 02 16:48:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	119193	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	484035	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	261499	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	476901	20.000	ng		0.00
76) Chrysene-d12	14.010	240	225640	20.000	ng		0.00
86) Perylene-d12	15.498	264	232191	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	993921	131.036	ng		0.01
7) Phenol-d6	6.463	99	1250171	132.285	ng		0.00
23) Nitrobenzene-d5	7.386	82	762530	94.967	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	383117	137.260	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1396722	85.144	ng		0.00
79) Terphenyl-d14	12.957	244	1491285	102.708	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	134902	40.843	ng		100
3) Pyridine	3.416	79	297139	32.959	ng		99
4) n-Nitrosodimethylamine	3.387	42	172316	45.715	ng		92
6) Aniline	6.487	93	430207	35.160	ng		97
8) 2-Chlorophenol	6.604	128	392358	48.383	ng		99
9) Benzaldehyde	6.369	77	102779	19.504	ng		97
10) Phenol	6.475	94	457849m	46.840	ng		
11) bis(2-Chloroethyl)ether	6.563	93	358083	46.794	ng		99
12) 1,3-Dichlorobenzene	6.763	146	402728	47.716	ng		98
13) 1,4-Dichlorobenzene	6.839	146	411123	48.605	ng		98
14) 1,2-Dichlorobenzene	6.986	146	390275	49.345	ng		96
15) Benzyl Alcohol	6.963	79	311470	46.481	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	501882	47.649	ng		99
17) 2-Methylphenol	7.075	107	307006	44.627	ng		97
18) Hexachloroethane	7.334	117	146742	49.359	ng		92
19) n-Nitroso-di-n-propyla...	7.239	70	250871	46.459	ng		96
20) 3+4-Methylphenols	7.228	107	369345	44.028	ng		94
22) Acetophenone	7.234	105	513535	47.846	ng	#	90
24) Nitrobenzene	7.404	77	388900	47.883	ng		93
25) Isophorone	7.645	82	715708	47.214	ng		100
26) 2-Nitrophenol	7.716	139	201067	54.260	ng		90
27) 2,4-Dimethylphenol	7.757	122	350462	50.049	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	436047	46.948	ng		98
29) 2,4-Dichlorophenol	7.963	162	322003	48.778	ng		100
30) 1,2,4-Trichlorobenzene	8.045	180	344461	47.833	ng		99
31) Naphthalene	8.128	128	1089419	46.674	ng		99
32) Benzoic acid	7.886	122	254908	45.714	ng		97
33) 4-Chloroaniline	8.175	127	331895	32.469	ng		97
34) Hexachlorobutadiene	8.239	225	201099	48.694	ng		99
35) Caprolactam	8.551	113	113076m	52.679	ng		
36) 4-Chloro-3-methylphenol	8.657	107	345515	49.855	ng		99
37) 2-Methylnaphthalene	8.816	142	727706	46.497	ng		100
38) 1-Methylnaphthalene	8.916	142	670447	46.032	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	336308	45.095	ng		99
41) Hexachlorocyclopentadiene	8.969	237	397270	99.710	ng		99
43) 2,4,6-Trichlorophenol	9.098	196	229869	47.273	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	258974	45.977	ng		96
46) 1,1'-Biphenyl	9.286	154	905846	45.441	ng		99
47) 2-Chloronaphthalene	9.310	162	683772	46.529	ng		99
48) 2-Nitroaniline	9.404	65	217992	50.123	ng		98
49) Acenaphthylene	9.727	152	1050278	45.812	ng		99
50) Dimethylphthalate	9.592	163	807620	46.822	ng		100
51) 2,6-Dinitrotoluene	9.651	165	183525	49.747	ng		99
52) Acenaphthene	9.898	154	656942m	45.076	ng		
53) 3-Nitroaniline	9.816	138	173345	40.270	ng		94
54) 2,4-Dinitrophenol	9.927	184	190697	93.842	ng		97
55) Dibenzofuran	10.069	168	972906	45.781	ng		96
56) 4-Nitrophenol	9.980	139	302108	93.825	ng	#	81
57) 2,4-Dinitrotoluene	10.057	165	244819	52.450	ng		95
58) Fluorene	10.416	166	725544	45.600	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.186	232	218440	48.779	ng		99
60) Diethylphthalate	10.292	149	775159	47.034	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	357190	44.972	ng		99
62) 4-Nitroaniline	10.439	138	190277	45.905	ng		97
63) Azobenzene	10.569	77	725430	45.705	ng		99
65) 4,6-Dinitro-2-methylph...	10.463	198	133042	50.437	ng		86
66) n-Nitrosodiphenylamine	10.527	169	665057	46.228	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	238284	47.657	ng	#	92
68) Hexachlorobenzene	10.963	284	265899	49.793	ng		99
69) Atrazine	11.057	200	149627	38.226	ng		99
70) Pentachlorophenol	11.157	266	300616	87.656	ng		97
71) Phenanthrene	11.380	178	1117136	46.524	ng		100
72) Anthracene	11.433	178	1127026	45.805	ng		100
73) Carbazole	11.586	167	987607	46.190	ng		99
74) Di-n-butylphthalate	11.927	149	1126942	46.126	ng		99
75) Fluoranthene	12.574	202	1077724	43.689	ng		98
77) Benzidine	12.698	184	259127	58.920	ng		98
78) Pyrene	12.804	202	1083839	54.482	ng		99
80) Butylbenzylphthalate	13.433	149	357597	50.217	ng		99
81) Benzo(a)anthracene	13.998	228	706021	47.263	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	226551	47.517	ng	#	99
83) Chrysene	14.039	228	686835	46.688	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	384125	46.301	ng		97
85) Di-n-octyl phthalate	14.621	149	585180	47.084	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	820497	54.069	ng		98
88) Benzo(b)fluoranthene	15.062	252	658881	47.956	ng		100
89) Benzo(k)fluoranthene	15.092	252	637361	46.885	ng		100
90) Benzo(a)pyrene	15.433	252	591143	46.307	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	679540	54.668	ng		98
92) Benzo(g,h,i)perylene	17.480	276	686187	48.457	ng		99

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

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