Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
Data File : BF133666.D
Acq On : 09 Jun 2023 09:57
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 09 13:51:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 09 13:43:42 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/13/2023
Supervised By :mohammad ahmed 06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	90312	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	338078	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	167871	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	320280	20.000	ng		0.00
76) Chrysene-d12	14.015	240	199068	20.000	ng		0.00
86) Perylene-d12	15.480	264	152815	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	120233	23.177	ng		-0.01
7) Phenol-d6	6.457	99	147717	21.876	ng		-0.01
23) Nitrobenzene-d5	7.398	82	136517	21.994	ng		-0.01
42) 2,4,6-Tribromophenol	10.663	330	44970	21.163	ng		-0.01
45) 2-Fluorobiphenyl	9.192	172	274596	23.253	ng		-0.01
79) Terphenyl-d14	12.957	244	278363	21.637	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.575	88	26316	11.539	ng		98
3) Pyridine	3.322	79	81295	12.229	ng		96
4) n-Nitrosodimethylamine	3.257	42	43300	11.784	ng	#	94
6) Aniline	6.492	93	90774	10.673	ng		99
8) 2-Chlorophenol	6.616	128	59130	10.816	ng		97
9) Benzaldehyde	6.387	77	48789	10.890	ng		98
10) Phenol	6.469	94	76234m	10.812	ng		
11) bis(2-Chloroethyl)ether	6.569	93	55469	10.597	ng		97
12) 1,3-Dichlorobenzene	6.775	146	63586	10.886	ng		97
13) 1,4-Dichlorobenzene	6.851	146	64416	10.911	ng		99
14) 1,2-Dichlorobenzene	7.004	146	61527	11.534	ng		99
15) Benzyl Alcohol	6.975	79	58273	11.049	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.110	45	96011	10.820	ng		99
17) 2-Methylphenol	7.081	107	52345	10.802	ng		99
18) Hexachloroethane	7.351	117	21333	10.555	ng		94
19) n-Nitroso-di-n-propyla...	7.239	70	48138	11.204	ng		99
20) 3+4-Methylphenols	7.234	107	69525	11.298	ng	#	84
22) Acetophenone	7.239	105	88435	11.405	ng	#	93
24) Nitrobenzene	7.416	77	68316	10.930	ng		98
25) Isophorone	7.651	82	121873	10.695	ng		98
26) 2-Nitrophenol	7.733	139	28860	10.289	ng		99
27) 2,4-Dimethylphenol	7.769	122	52784	10.918	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	70632	10.724	ng		98
29) 2,4-Dichlorophenol	7.975	162	51585	10.887	ng		97
30) 1,2,4-Trichlorobenzene	8.063	180	52965	10.714	ng		96
31) Naphthalene	8.139	128	179506	10.898	ng		100
32) Benzoic acid	7.839	122	25878	8.439	ng		98
33) 4-Chloroaniline	8.186	127	75656	10.742	ng		99
34) Hexachlorobutadiene	8.257	225	34576	10.682	ng		98
35) Caprolactam	8.533	113	16010	10.040	ng	#	88
36) 4-Chloro-3-methylphenol	8.663	107	56992	10.435	ng		96
37) 2-Methylnaphthalene	8.833	142	124286	10.860	ng		98
38) 1-Methylnaphthalene	8.933	142	115601	10.977	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	54220	10.624	ng		99
41) Hexachlorocyclopentadiene	8.986	237	19298	8.485	ng		97
43) 2,4,6-Trichlorophenol	9.110	196	36182	10.610	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	39964	10.073	ng		98
46) 1,1'-Biphenyl	9.298	154	151376	11.181	ng		99
47) 2-Chloronaphthalene	9.322	162	107714	11.091	ng		98
48) 2-Nitroaniline	9.416	65	36796	10.360	ng		99
49) Acenaphthylene	9.739	152	183491	10.855	ng		99
50) Dimethylphthalate	9.592	163	135937	10.849	ng		99
51) 2,6-Dinitrotoluene	9.657	165	25995	10.051	ng	#	82
52) Acenaphthene	9.910	154	111188m	11.238	ng		
53) 3-Nitroaniline	9.827	138	33163	10.537	ng		97
54) 2,4-Dinitrophenol	9.933	184	7853	11.486	ng		95
55) Dibenzofuran	10.080	168	166873	11.053	ng		98
56) 4-Nitrophenol	9.980	139	21265	10.011	ng		87
57) 2,4-Dinitrotoluene	10.063	165	33907	10.308	ng		86
58) Fluorene	10.427	166	130400	11.294	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	30713	10.340	ng		99
60) Diethylphthalate	10.292	149	137148	10.754	ng		98
61) 4-Chlorophenyl-phenyle...	10.416	204	63572	11.154	ng		96
62) 4-Nitroaniline	10.433	138	32086	10.397	ng		99
63) Azobenzene	10.580	77	127997	10.602	ng		96
65) 4,6-Dinitro-2-methylph...	10.469	198	12425	8.119	ng		85
66) n-Nitrosodiphenylamine	10.533	169	114499	10.643	ng		98
67) 4-Bromophenyl-phenylether	10.910	248	36735	10.276	ng		96
68) Hexachlorobenzene	10.974	284	39091	10.399	ng		94
69) Atrazine	11.063	200	32761	10.495	ng		96
70) Pentachlorophenol	11.169	266	20544	9.127	ng		95
71) Phenanthrene	11.392	178	178866	11.008	ng		98
72) Anthracene	11.439	178	182412	10.766	ng		99
73) Carbazole	11.598	167	168091	11.061	ng		99
74) Di-n-butylphthalate	11.927	149	210835	10.422	ng		99
75) Fluoranthene	12.580	202	186487	10.807	ng		99
77) Benzidine	12.704	184	70035	10.484	ng		99
78) Pyrene	12.810	202	192610	10.387	ng		98
80) Butylbenzylphthalate	13.433	149	78690	10.052	ng		98
81) Benzo(a)anthracene	14.004	228	145928	10.598	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	50117	10.948	ng	#	98
83) Chrysene	14.039	228	139603	10.719	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	102216	10.604	ng		98
85) Di-n-octyl phthalate	14.610	149	133353	9.735	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	111590	10.614	ng		99
88) Benzo(b)fluoranthene	15.051	252	97937	10.550	ng		97
89) Benzo(k)fluoranthene	15.074	252	96991	10.726	ng		99
90) Benzo(a)pyrene	15.415	252	89295	10.365	ng		99
91) Dibenzo(a,h)anthracene	16.956	278	91030	10.459	ng		98
92) Benzo(g,h,i)perylene	17.380	276	89310	10.349	ng		97

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

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