Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101123\
Data File : BF135706.D
Acq On : 11 Oct 2023 11:33
Operator : CG\JU
Sample : PB156189BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 12 00:46:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156189BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
10/12/2023
Supervised By :mohammad ahmed
10/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.739	152	97334	20.000	ng		0.00
21) Naphthalene-d8	8.022	136	373555	20.000	ng		0.00
39) Acenaphthene-d10	9.780	164	190099	20.000	ng		0.00
64) Phenanthrene-d10	11.274	188	359878	20.000	ng		0.00
76) Chrysene-d12	13.939	240	199372	20.000	ng		0.00
86) Perylene-d12	15.409	264	189999	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	856900	143.188	ng		0.02
7) Phenol-d6	6.398	99	1039241	136.570	ng		0.00
23) Nitrobenzene-d5	7.310	82	674548	98.105	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	282302	149.435	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1183001	93.889	ng		0.00
79) Terphenyl-d14	12.874	244	1277049	99.295	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	119609	45.592	ng		99
3) Pyridine	3.275	79	275825	39.065	ng		99
4) n-Nitrosodimethylamine	3.240	42	198697	53.031	ng		94
6) Aniline	6.410	93	325409	32.610	ng	#	2
8) 2-Chlorophenol	6.534	128	342196	53.565	ng		95
9) Benzaldehyde	6.298	77	108662	25.066	ng		98
10) Phenol	6.410	94	388798	46.595	ng		81
11) bis(2-Chloroethyl)ether	6.481	93	332869	53.182	ng		97
12) 1,3-Dichlorobenzene	6.681	146	344027	52.988	ng		98
13) 1,4-Dichlorobenzene	6.757	146	355865	53.874	ng		99
14) 1,2-Dichlorobenzene	6.904	146	328098	53.486	ng		99
15) Benzyl Alcohol	6.898	79	265129	48.554	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	598028	50.690	ng		52
17) 2-Methylphenol	7.010	107	271969	48.242	ng	#	90
18) Hexachloroethane	7.239	117	128230	52.539	ng		91
19) n-Nitroso-di-n-propyla...	7.157	70	230395	48.881	ng		94
20) 3+4-Methylphenols	7.169	107	343479	50.668	ng	#	68
22) Acetophenone	7.157	105	460907	53.968	ng		93
24) Nitrobenzene	7.328	77	352313	51.842	ng		98
25) Isophorone	7.563	82	652606	51.689	ng		99
26) 2-Nitrophenol	7.645	139	178620	54.763	ng		96
27) 2,4-Dimethylphenol	7.686	122	266287	48.570	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	400387	52.983	ng		99
29) 2,4-Dichlorophenol	7.892	162	279355	54.989	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	290223	54.656	ng		98
31) Naphthalene	8.039	128	965069	53.172	ng		99
32) Benzoic acid	7.851	122	183038	44.337	ng		97
33) 4-Chloroaniline	8.104	127	208153	26.140	ng		98
34) Hexachlorobutadiene	8.151	225	174902	54.626	ng		99
35) Caprolactam	8.480	113	93281m	54.710	ng		
36) 4-Chloro-3-methylphenol	8.604	107	290820	51.507	ng		96
37) 2-Methylnaphthalene	8.733	142	579576	47.505	ng		99
38) 1-Methylnaphthalene	8.833	142	553104	48.423	ng		100
40) 1,2,4,5-Tetrachloroben...	8.904	216	287481	52.200	ng		98
41) Hexachlorocyclopentadiene	8.880	237	132120	56.803	ng		99
43) 2,4,6-Trichlorophenol	9.027	196	179697	49.834	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	189258	45.576	ng		98
46) 1,1'-Biphenyl	9.204	154	771714	52.825	ng		99
47) 2-Chloronaphthalene	9.227	162	559650	52.799	ng		98
48) 2-Nitroaniline	9.339	65	216785	52.645	ng		95
49) Acenaphthylene	9.645	152	953939	54.153	ng		99
50) Dimethylphthalate	9.510	163	692317	53.866	ng		100
51) 2,6-Dinitrotoluene	9.580	165	152328	54.102	ng		98
52) Acenaphthene	9.816	154	556967	53.522	ng		97
53) 3-Nitroaniline	9.751	138	116844	35.353	ng		98
54) 2,4-Dinitrophenol	9.874	184	147956	91.584	ng		93
55) Dibenzofuran	9.986	168	832943	52.452	ng		95
56) 4-Nitrophenol	9.939	139	152900	72.792	ng		92
57) 2,4-Dinitrotoluene	9.992	165	194801	55.265	ng	#	84
58) Fluorene	10.333	166	658010	53.900	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	174896	54.752	ng		97
60) Diethylphthalate	10.210	149	713614	55.324	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	311839	53.176	ng		99
62) 4-Nitroaniline	10.380	138	163432	51.443	ng		99
63) Azobenzene	10.486	77	689860	54.647	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	102588	53.671	ng		94
66) n-Nitrosodiphenylamine	10.451	169	610716	56.054	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	198212	55.378	ng		96
68) Hexachlorobenzene	10.886	284	214435	58.807	ng		98
69) Atrazine	10.986	200	193490	66.002	ng		98
70) Pentachlorophenol	11.092	266	169564	77.723	ng		98
71) Phenanthrene	11.304	178	921555	54.143	ng		100
72) Anthracene	11.357	178	949083	54.248	ng		99
73) Carbazole	11.516	167	879159	55.201	ng		99
74) Di-n-butylphthalate	11.839	149	1093727	58.280	ng		99
75) Fluoranthene	12.498	202	989912	55.816	ng		99
77) Benzidine	12.627	184	325245	79.629	ng		99
78) Pyrene	12.727	202	1005321	52.963	ng		99
80) Butylbenzylphthalate	13.345	149	423989	63.441	ng		94
81) Benzo(a)anthracene	13.927	228	734832	57.079	ng		100
82) 3,3'-Dichlorobenzidine	13.886	252	201709	50.161	ng	#	98
83) Chrysene	13.962	228	683374	53.390	ng		99
84) Bis(2-ethylhexyl)phtha...	13.910	149	530543	77.360	ng		100
85) Di-n-octyl phthalate	14.527	149	744015	68.266	ng		100
87) Indeno(1,2,3-cd)pyrene	16.909	276	727054	58.362	ng		99
88) Benzo(b)fluoranthene	14.980	252	569153	55.336	ng		98
89) Benzo(k)fluoranthene	15.009	252	551190	54.251	ng		99
90) Benzo(a)pyrene	15.351	252	505691	51.557	ng		99
91) Dibenzo(a,h)anthracene	16.915	278	594641	58.338	ng		99
92) Benzo(g,h,i)perylene	17.356	276	620286	58.269	ng		99

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

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