Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
Data File : BF136093.D
Acq On : 02 Nov 2023 13:54
Operator : CG\JU
Sample : PB156666BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 02 14:35:03 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

Instrument :
BNA_F
ClientSampleId :
PB156666BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	146752	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	604676	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	320522	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	593226	20.000	ng		0.00
76) Chrysene-d12	14.010	240	288553	20.000	ng	#	0.00
86) Perylene-d12	15.498	264	278576	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1093405	117.081	ng		0.01
7) Phenol-d6	6.463	99	1373451	118.038	ng		0.00
23) Nitrobenzene-d5	7.386	82	815345	81.285	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	430776	125.915	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	1515490	75.372	ng		0.00
79) Terphenyl-d14	12.957	244	1679502	90.451	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	133618	32.857	ng		100
3) Pyridine	3.428	79	347833	31.337	ng		97
4) n-Nitrosodimethylamine	3.393	42	186013	40.081	ng		96
6) Aniline	6.487	93	447085	29.678	ng		98
8) 2-Chlorophenol	6.604	128	445365	44.606	ng		99
9) Benzaldehyde	6.369	77	53171	8.195	ng		97
10) Phenol	6.475	94	513470m	42.665	ng		
11) bis(2-Chloroethyl)ether	6.563	93	401119	42.574	ng		99
12) 1,3-Dichlorobenzene	6.763	146	448890	43.197	ng		98
13) 1,4-Dichlorobenzene	6.839	146	452731	43.473	ng		98
14) 1,2-Dichlorobenzene	6.992	146	437448	44.923	ng		100
15) Benzyl Alcohol	6.963	79	357001	43.271	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.098	45	561447	43.294	ng		99
17) 2-Methylphenol	7.075	107	345046	40.737	ng		97
18) Hexachloroethane	7.333	117	160964	43.975	ng		92
19) n-Nitroso-di-n-propyla...	7.239	70	279860	42.095	ng		97
20) 3+4-Methylphenols	7.228	107	412908	39.978	ng		91
22) Acetophenone	7.234	105	552477	41.204	ng	#	91
24) Nitrobenzene	7.404	77	425476	41.934	ng		94
25) Isophorone	7.645	82	793563	41.906	ng		98
26) 2-Nitrophenol	7.722	139	220142	47.555	ng		94
27) 2,4-Dimethylphenol	7.757	122	355526	40.642	ng		99
28) bis(2-Chloroethoxy)met...	7.857	93	492058	42.409	ng		99
29) 2,4-Dichlorophenol	7.957	162	363554	44.085	ng		96
30) 1,2,4-Trichlorobenzene	8.045	180	384471	42.737	ng		99
31) Naphthalene	8.128	128	1215981	41.702	ng		99
32) Benzoic acid	7.886	122	284435	41.379	ng		98
33) 4-Chloroaniline	8.175	127	278572	21.815	ng		95
34) Hexachlorobutadiene	8.239	225	219836	42.611	ng		98
35) Caprolactam	8.551	113	123128m	45.918	ng		
36) 4-Chloro-3-methylphenol	8.657	107	382346	44.162	ng		99
37) 2-Methylnaphthalene	8.816	142	784714	40.136	ng		98
38) 1-Methylnaphthalene	8.916	142	748548	41.141	ng		98
40) 1,2,4,5-Tetrachloroben...	8.986	216	369904	40.466	ng		98
41) Hexachlorocyclopentadiene	8.969	237	400417	81.993	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	260280	43.671	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	283407	41.049	ng		98
46) 1,1'-Biphenyl	9.286	154	986969	40.393	ng		98
47) 2-Chloronaphthalene	9.310	162	766008	42.526	ng		100
48) 2-Nitroaniline	9.404	65	237458	44.545	ng		99
49) Acenaphthylene	9.727	152	1193596	42.476	ng		99
50) Dimethylphthalate	9.592	163	882981	41.764	ng		100
51) 2,6-Dinitrotoluene	9.651	165	202988	44.890	ng		98
52) Acenaphthene	9.898	154	718037m	40.196	ng		
53) 3-Nitroaniline	9.816	138	175847	33.328	ng		95
54) 2,4-Dinitrophenol	9.927	184	207581	84.233	ng		100
55) Dibenzofuran	10.069	168	1068031	41.003	ng		97
56) 4-Nitrophenol	9.980	139	354408	89.799	ng		87
57) 2,4-Dinitrotoluene	10.057	165	268883	46.998	ng		93
58) Fluorene	10.416	166	812066	41.639	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	243024	44.276	ng		100
60) Diethylphthalate	10.292	149	860893	42.617	ng		100
61) 4-Chlorophenyl-phenyle...	10.410	204	389467	40.006	ng		98
62) 4-Nitroaniline	10.439	138	211792	41.687	ng		94
63) Azobenzene	10.569	77	810724	41.673	ng		98
65) 4,6-Dinitro-2-methylph...	10.463	198	139487	43.421	ng		86
66) n-Nitrosodiphenylamine	10.527	169	755927	42.241	ng		99
67) 4-Bromophenyl-phenylether	10.898	248	266449	42.841	ng	#	93
68) Hexachlorobenzene	10.963	284	305547	45.998	ng		98
69) Atrazine	11.063	200	244671	50.251	ng		99
70) Pentachlorophenol	11.157	266	305200	71.542	ng		97
71) Phenanthrene	11.380	178	1263547	42.303	ng		99
72) Anthracene	11.433	178	1282716	41.910	ng		100
73) Carbazole	11.586	167	1118250	42.044	ng		99
74) Di-n-butylphthalate	11.927	149	1275524	41.970	ng		99
75) Fluoranthene	12.574	202	1234306	40.225	ng		99
77) Benzidine	12.698	184	172680	30.703	ng		98
78) Pyrene	12.804	202	1243759	48.889	ng		99
80) Butylbenzylphthalate	13.433	149	414310	45.496	ng		99
81) Benzo(a)anthracene	13.998	228	820089	42.930	ng		100
82) 3,3'-Dichlorobenzidine	13.968	252	220579	36.178	ng	#	96
83) Chrysene	14.039	228	797727	42.403	ng		100
84) Bis(2-ethylhexyl)phtha...	14.004	149	441783	41.641	ng		100
85) Di-n-octyl phthalate	14.621	149	666591	41.941	ng		100
87) Indeno(1,2,3-cd)pyrene	17.015	276	936068	51.414	ng		99
88) Benzo(b)fluoranthene	15.062	252	728190	44.176	ng		99
89) Benzo(k)fluoranthene	15.092	252	701593	43.017	ng		100
90) Benzo(a)pyrene	15.439	252	662327	43.244	ng		98
91) Dibenzo(a,h)anthracene	17.039	278	778379	52.192	ng		99
92) Benzo(g,h,i)perylene	17.480	276	787405	46.472	ng		99

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

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