Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136752.D
Acq On : 27 Dec 2023 11:45
Operator : CG\JU
Sample : PB157937BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 27 12:12:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB157937BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/28/2023
Supervised By :mohammad ahmed 12/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.786	152	92748	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	370045	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	171632	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	295500	20.000	ng		0.00
76) Chrysene-d12	13.968	240	172808	20.000	ng		0.00
86) Perylene-d12	15.445	264	157848	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	705513	118.687	ng		0.01
7) Phenol-d6	6.439	99	835107	108.422	ng		0.00
23) Nitrobenzene-d5	7.351	82	533739	73.807	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	208827	103.311	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	955182	74.852	ng		0.00
79) Terphenyl-d14	12.910	244	841616	68.060	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	73665	29.743	ng		99
3) Pyridine	3.398	79	174525	28.881	ng		95
4) n-Nitrosodimethylamine	3.363	42	128198	39.726	ng		97
6) Aniline	6.451	93	181330	23.547	ng	#	1
8) 2-Chlorophenol	6.575	128	273044	41.974	ng		98
9) Benzaldehyde	6.339	77	60825	13.883	ng		98
10) Phenol	6.451	94	312895	38.054	ng		91
11) bis(2-Chloroethyl)ether	6.528	93	255294	40.827	ng		100
12) 1,3-Dichlorobenzene	6.728	146	271347	38.238	ng		98
13) 1,4-Dichlorobenzene	6.804	146	279949	38.609	ng		98
14) 1,2-Dichlorobenzene	6.951	146	265441	39.342	ng		98
15) Benzyl Alcohol	6.934	79	218172	41.986	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	404570	39.574	ng		92
17) 2-Methylphenol	7.051	107	207240	38.456	ng		96
18) Hexachloroethane	7.292	117	102195	38.809	ng		94
19) n-Nitroso-di-n-propyla...	7.204	70	181436	38.859	ng		99
20) 3+4-Methylphenols	7.204	107	248575	36.922	ng	#	74
22) Acetophenone	7.198	105	372507	40.162	ng		95
24) Nitrobenzene	7.369	77	276744	38.203	ng		99
25) Isophorone	7.610	82	492209	37.406	ng		99
26) 2-Nitrophenol	7.686	139	140679	40.590	ng		98
27) 2,4-Dimethylphenol	7.728	122	204462	48.456	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	302769	37.854	ng		100
29) 2,4-Dichlorophenol	7.928	162	203024	37.374	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	233285	38.543	ng		98
31) Naphthalene	8.086	128	776183	38.181	ng		100
32) Benzoic acid	7.875	122	145736	35.696	ng		96
33) 4-Chloroaniline	8.139	127	163797	21.822	ng		97
34) Hexachlorobutadiene	8.198	225	136928	37.236	ng		99
35) Caprolactam	8.516	113	63557m	35.466	ng		
36) 4-Chloro-3-methylphenol	8.633	107	216720	35.438	ng		99
37) 2-Methylnaphthalene	8.780	142	474034	36.232	ng		99
38) 1-Methylnaphthalene	8.875	142	448819	34.966	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	223842	42.112	ng		98
41) Hexachlorocyclopentadiene	8.928	237	150220	88.108	ng		100
43) 2,4,6-Trichlorophenol	9.063	196	140647	41.259	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	148943	39.209	ng	#	95
46) 1,1'-Biphenyl	9.245	154	579064	40.206	ng		98
47) 2-Chloronaphthalene	9.269	162	438709	40.068	ng		99
48) 2-Nitroaniline	9.369	65	133710	38.998	ng		98
49) Acenaphthylene	9.686	152	686721	41.034	ng		100
50) Dimethylphthalate	9.551	163	479259	38.229	ng		99
51) 2,6-Dinitrotoluene	9.616	165	106017	37.262	ng		96
52) Acenaphthene	9.857	154	400958	38.650	ng		99
53) 3-Nitroaniline	9.786	138	88819	29.470	ng		91
54) 2,4-Dinitrophenol	9.898	184	103372	66.230	ng		90
55) Dibenzofuran	10.027	168	603500	38.377	ng		100
56) 4-Nitrophenol	9.963	139	136409	67.046	ng		96
57) 2,4-Dinitrotoluene	10.022	165	132249	35.805	ng		97
58) Fluorene	10.374	166	464838	37.254	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	117104	40.047	ng		98
60) Diethylphthalate	10.251	149	473767	36.423	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	220485	36.354	ng		98
62) 4-Nitroaniline	10.404	138	90951m	31.303	ng		
63) Azobenzene	10.527	77	438761	36.115	ng		99
65) 4,6-Dinitro-2-methylph...	10.433	198	68738	40.589	ng		91
66) n-Nitrosodiphenylamine	10.486	169	405882	42.283	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	136548	41.608	ng		98
68) Hexachlorobenzene	10.922	284	150105	41.044	ng		98
69) Atrazine	11.022	200	96262	39.208	ng		97
70) Pentachlorophenol	11.121	266	114116	66.943	ng		94
71) Phenanthrene	11.339	178	624432	41.183	ng		99
72) Anthracene	11.392	178	624378	40.662	ng		99
73) Carbazole	11.551	167	559630	38.656	ng		99
74) Di-n-butylphthalate	11.880	149	684092	38.724	ng		99
75) Fluoranthene	12.533	202	618321	38.125	ng		98
77) Benzidine	12.657	184	37395	7.339	ng		98
78) Pyrene	12.763	202	620743	36.592	ng		100
80) Butylbenzylphthalate	13.386	149	247283	40.061	ng		98
81) Benzo(a)anthracene	13.957	228	481365	40.115	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	152212	44.666	ng		98
83) Chrysene	13.998	228	467063	39.803	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	337938	43.513	ng	#	96
85) Di-n-octyl phthalate	14.562	149	573547	47.742	ng		98
87) Indeno(1,2,3-cd)pyrene	16.956	276	558376	48.994	ng		99
88) Benzo(b)fluoranthene	15.015	252	463718	43.984	ng		99
89) Benzo(k)fluoranthene	15.045	252	453443	45.517	ng		99
90) Benzo(a)pyrene	15.386	252	410304	46.105	ng		99
91) Dibenzo(a,h)anthracene	16.980	278	476331	50.945	ng		97
92) Benzo(g,h,i)perylene	17.421	276	474075	49.505	ng		98

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

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