Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020724\
Data File : BF137314.D
Acq On : 07 Feb 2024 11:43
Operator : CG\JU
Sample : PB158865BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 07 12:01:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 04:56:22 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB158865BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
02/08/2024
Supervised By :mohammad ahmed
02/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	58870	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	223318	20.000	ng		0.00
39) Acenaphthene-d10	9.828	164	129728	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	258602	20.000	ng		0.00
76) Chrysene-d12	13.974	240	188317	20.000	ng		0.00
86) Perylene-d12	15.457	264	155847	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	542101	151.947	ng		0.02
7) Phenol-d6	6.434	99	697019	136.899	ng		0.00
23) Nitrobenzene-d5	7.357	82	484901	97.215	ng		0.00
42) 2,4,6-Tribromophenol	10.622	330	228800	156.168	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	871592	92.359	ng		0.00
79) Terphenyl-d14	12.916	244	1173726	84.730	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	68815	36.048	ng		96
3) Pyridine	3.375	79	168109	43.781	ng		99
4) n-Nitrosodimethylamine	3.346	42	102762	52.213	ng		97
6) Aniline	6.457	93	215916	39.615	ng		96
8) 2-Chlorophenol	6.575	128	201410	50.490	ng		98
9) Benzaldehyde	6.339	77	56440	29.108	ng		93
10) Phenol	6.445	94	272635	47.972	ng		95
11) bis(2-Chloroethyl)ether	6.534	93	200549	52.804	ng		98
12) 1,3-Dichlorobenzene	6.728	146	226854	48.503	ng		97
13) 1,4-Dichlorobenzene	6.810	146	226283	46.781	ng		96
14) 1,2-Dichlorobenzene	6.957	146	217295	48.046	ng		97
15) Benzyl Alcohol	6.934	79	199823	55.242	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	316560	46.269	ng		100
17) 2-Methylphenol	7.045	107	173824	52.158	ng		98
18) Hexachloroethane	7.298	117	86283	49.459	ng		95
19) n-Nitroso-di-n-propyla...	7.210	70	169398	48.525	ng		99
20) 3+4-Methylphenols	7.198	107	213618	50.634	ng		96
22) Acetophenone	7.204	105	300968	50.061	ng	#	97
24) Nitrobenzene	7.375	77	249853	51.609	ng		97
25) Isophorone	7.610	82	451591	49.050	ng		98
26) 2-Nitrophenol	7.686	139	101110	53.643	ng		88
27) 2,4-Dimethylphenol	7.728	122	140061	53.224	ng		96
28) bis(2-Chloroethoxy)met...	7.822	93	246882	50.496	ng		99
29) 2,4-Dichlorophenol	7.928	162	173466	53.136	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	204122	50.338	ng		98
31) Naphthalene	8.092	128	597022	49.452	ng		99
32) Benzoic acid	7.863	122	112295	58.094	ng		99
33) 4-Chloroaniline	8.145	127	57662	13.885	ng		94
34) Hexachlorobutadiene	8.210	225	140396	52.070	ng		98
35) Caprolactam	8.516	113	53194m	52.403	ng		
36) 4-Chloro-3-methylphenol	8.628	107	200970	52.121	ng		99
37) 2-Methylnaphthalene	8.781	142	401157	49.563	ng		99
38) 1-Methylnaphthalene	8.880	142	381010	50.682	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	223918	51.584	ng		98
41) Hexachlorocyclopentadiene	8.933	237	289145	139.855	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	137196	55.723	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	146359	54.384	ng		97
46) 1,1'-Biphenyl	9.251	154	521098	50.486	ng		99
47) 2-Chloronaphthalene	9.275	162	384533	50.341	ng		99
48) 2-Nitroaniline	9.375	65	135447	54.786	ng		97
49) Acenaphthylene	9.686	152	611827	50.033	ng		99
50) Dimethylphthalate	9.557	163	455190	51.938	ng		99
51) 2,6-Dinitrotoluene	9.616	165	105590	56.500	ng		96
52) Acenaphthene	9.863	154	363201	50.536	ng		99
53) 3-Nitroaniline	9.786	138	59661	35.474	ng		94
54) 2,4-Dinitrophenol	9.892	184	111152	125.863	ng		92
55) Dibenzofuran	10.033	168	572986	50.111	ng		99
57) 2,4-Dinitrotoluene	10.022	165	144400	59.549	ng		93
58) Fluorene	10.380	166	455306	50.793	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	138311m	55.235	ng		
60) Diethylphthalate	10.263	149	458383	53.119	ng		98
61) 4-Chlorophenyl-phenyle...	10.375	204	227309	51.016	ng		98
62) 4-Nitroaniline	10.410	138	92335m	57.358	ng		
63) Azobenzene	10.533	77	483324	50.572	ng		98
65) 4,6-Dinitro-2-methylph...	10.427	198	83631	59.568	ng		93
66) n-Nitrosodiphenylamine	10.492	169	398528	50.684	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	146020	51.352	ng	#	93
68) Hexachlorobenzene	10.922	284	161502	50.848	ng		98
69) Atrazine	11.027	200	143546	55.301	ng		99
70) Pentachlorophenol	11.122	266	212840	116.899	ng		99
71) Phenanthrene	11.345	178	691137	51.051	ng		99
72) Anthracene	11.398	178	715651	50.717	ng		99
73) Carbazole	11.557	167	629418	53.373	ng		99
74) Di-n-butylphthalate	11.892	149	736000	57.736	ng		99
75) Fluoranthene	12.539	202	776409	54.806	ng		99
77) Benzidine	12.668	184	223286	66.216	ng		99
78) Pyrene	12.768	202	801514	44.289	ng		99
80) Butylbenzylphthalate	13.398	149	296239	63.989	ng		92
81) Benzo(a)anthracene	13.963	228	668144	50.098	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	154112	42.413	ng		98
83) Chrysene	14.004	228	676490	51.594	ng		98
84) Bis(2-ethylhexyl)phtha...	13.968	149	401922	74.623	ng	#	98
85) Di-n-octyl phthalate	14.586	149	635101	74.160	ng		99
87) Indeno(1,2,3-cd)pyrene	16.962	276	537570	49.097	ng		99
88) Benzo(b)fluoranthene	15.021	252	541547	56.503	ng		98
89) Benzo(k)fluoranthene	15.057	252	504362	49.743	ng		99
90) Benzo(a)pyrene	15.392	252	452988	50.223	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	439576	50.104	ng		98
92) Benzo(g,h,i)perylene	17.415	276	430542	50.001	ng		99

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

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