Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
Data File : BF136750.D
Acq On : 27 Dec 2023 10:44
Operator : CG\JU
Sample : PB158018BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 27 11:30:01 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 :
PB158018BS

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	93650	20.000	ng		0.00
21) Naphthalene-d8	8.063	136	368840	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	168319	20.000	ng		0.00
64) Phenanthrene-d10	11.316	188	289521	20.000	ng		0.00
76) Chrysene-d12	13.968	240	164351	20.000	ng		0.00
86) Perylene-d12	15.445	264	155129	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.439	112	698112	116.311	ng		0.01
7) Phenol-d6	6.445	99	832530	107.046	ng		0.00
23) Nitrobenzene-d5	7.351	82	528246	73.286	ng		0.00
42) 2,4,6-Tribromophenol	10.621	330	208320	105.088	ng		0.00
45) 2-Fluorobiphenyl	9.145	172	964118	77.040	ng		0.00
79) Terphenyl-d14	12.910	244	816685	69.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.628	88	72782	29.103	ng		98
3) Pyridine	3.398	79	172355	28.247	ng		99
4) n-Nitrosodimethylamine	3.357	42	126260	38.748	ng		99
6) Aniline	6.451	93	182400	23.458	ng	#	1
8) 2-Chlorophenol	6.581	128	274863	41.847	ng		93
9) Benzaldehyde	6.339	77	59651	13.484	ng		98
10) Phenol	6.457	94	313281	37.734	ng		98
11) bis(2-Chloroethyl)ether	6.528	93	254380	40.289	ng		100
12) 1,3-Dichlorobenzene	6.728	146	270783	37.791	ng		99
13) 1,4-Dichlorobenzene	6.804	146	276325	37.742	ng		98
14) 1,2-Dichlorobenzene	6.951	146	263676	38.704	ng		99
15) Benzyl Alcohol	6.934	79	219766	41.885	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	407825	39.508	ng		92
17) 2-Methylphenol	7.051	107	205147	37.701	ng		96
18) Hexachloroethane	7.292	117	98171	36.922	ng		92
19) n-Nitroso-di-n-propyla...	7.204	70	178161	37.790	ng		99
20) 3+4-Methylphenols	7.204	107	251424	36.985	ng	#	74
22) Acetophenone	7.198	105	366699	39.665	ng		95
24) Nitrobenzene	7.369	77	275075	38.096	ng		98
25) Isophorone	7.610	82	489697	37.337	ng		100
26) 2-Nitrophenol	7.686	139	141939	41.087	ng		96
27) 2,4-Dimethylphenol	7.728	122	204731	48.679	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	300268	37.664	ng		99
29) 2,4-Dichlorophenol	7.928	162	203710	37.622	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	231192	38.322	ng		97
31) Naphthalene	8.086	128	770585	38.029	ng		100
32) Benzoic acid	7.875	122	147074	36.142	ng		92
33) 4-Chloroaniline	8.139	127	160801	21.493	ng		96
34) Hexachlorobutadiene	8.198	225	136066	37.122	ng		99
35) Caprolactam	8.516	113	62351m	34.906	ng		
36) 4-Chloro-3-methylphenol	8.633	107	215253	35.313	ng		99
37) 2-Methylnaphthalene	8.780	142	478581	36.699	ng		100
38) 1-Methylnaphthalene	8.875	142	448412	35.048	ng		100
40) 1,2,4,5-Tetrachloroben...	8.945	216	225079	43.179	ng		98
41) Hexachlorocyclopentadiene	8.928	237	145709	87.198	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	137876	41.243	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	149913	40.241	ng		97
46) 1,1'-Biphenyl	9.245	154	576777	40.835	ng		100
47) 2-Chloronaphthalene	9.269	162	431319	40.169	ng		99
48) 2-Nitroaniline	9.369	65	131836	39.208	ng		97
49) Acenaphthylene	9.686	152	681472	41.522	ng		100
50) Dimethylphthalate	9.551	163	470961	38.307	ng		99
51) 2,6-Dinitrotoluene	9.616	165	106701	38.241	ng		99
52) Acenaphthene	9.857	154	392366	38.567	ng		99
53) 3-Nitroaniline	9.786	138	88989	30.107	ng		92
54) 2,4-Dinitrophenol	9.898	184	105964	69.058	ng	#	90
55) Dibenzofuran	10.027	168	600834	38.960	ng		99
56) 4-Nitrophenol	9.963	139	136511	68.416	ng		97
57) 2,4-Dinitrotoluene	10.022	165	129286	35.692	ng		98
58) Fluorene	10.374	166	462453	37.792	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	117466	40.962	ng		98
60) Diethylphthalate	10.251	149	465744	36.511	ng		98
61) 4-Chlorophenyl-phenyle...	10.363	204	221852	37.299	ng		98
62) 4-Nitroaniline	10.404	138	87748m	30.795	ng		
63) Azobenzene	10.527	77	436010	36.595	ng		100
65) 4,6-Dinitro-2-methylph...	10.433	198	68878	41.512	ng		92
66) n-Nitrosodiphenylamine	10.486	169	402425	42.789	ng		99
67) 4-Bromophenyl-phenylether	10.857	248	131933	41.032	ng		98
68) Hexachlorobenzene	10.921	284	147472	41.156	ng		98
69) Atrazine	11.021	200	93727	38.963	ng		99
70) Pentachlorophenol	11.121	266	114974	68.839	ng		98
71) Phenanthrene	11.339	178	609867	41.053	ng		99
72) Anthracene	11.392	178	606659	40.324	ng		99
73) Carbazole	11.551	167	545370	38.449	ng		100
74) Di-n-butylphthalate	11.880	149	667268	38.552	ng		99
75) Fluoranthene	12.533	202	589811	37.118	ng		98
77) Benzidine	12.657	184	34844	7.190	ng		98
78) Pyrene	12.763	202	593610	36.793	ng		99
80) Butylbenzylphthalate	13.386	149	236394	40.267	ng		97
81) Benzo(a)anthracene	13.957	228	459906	40.299	ng		98
82) 3,3'-Dichlorobenzidine	13.921	252	142063	43.833	ng		98
83) Chrysene	13.998	228	446757	40.032	ng		98
84) Bis(2-ethylhexyl)phtha...	13.951	149	319376	43.239	ng	#	96
85) Di-n-octyl phthalate	14.568	149	556051	48.667	ng		98
87) Indeno(1,2,3-cd)pyrene	16.962	276	563418	50.303	ng		99
88) Benzo(b)fluoranthene	15.015	252	483842	46.697	ng		99
89) Benzo(k)fluoranthene	15.045	252	403005	41.163	ng		99
90) Benzo(a)pyrene	15.386	252	396385	45.322	ng		100
91) Dibenzo(a,h)anthracene	16.980	278	468818	51.020	ng		97
92) Benzo(g,h,i)perylene	17.421	276	471640	50.114	ng		99

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

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