Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
Data File : BF140202.D
Acq On : 01 Nov 2024 10:15
Operator : RC/JU
Sample : PB164558BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 01 11:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164558BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	141811	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	579596	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	329109	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	623259	20.000	ng		0.00
76) Chrysene-d12	14.074	240	394810	20.000	ng		0.02
86) Perylene-d12	15.574	264	324241	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1036445	114.416	ng		0.02
7) Phenol-d6	6.516	99	1335539	113.834	ng		0.00
23) Nitrobenzene-d5	7.451	82	910925	87.107	ng		0.00
42) 2,4,6-Tribromophenol	10.728	330	412715	134.069	ng		0.01
45) 2-Fluorobiphenyl	9.245	172	1614532	81.077	ng		0.00
79) Terphenyl-d14	13.016	244	1930006	79.656	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	133555	31.622	ng		99
3) Pyridine	3.522	79	344724	32.928	ng		97
4) n-Nitrosodimethylamine	3.487	42	227228	40.399	ng	#	94
6) Aniline	6.551	93	486247	44.470	ng		100
8) 2-Chlorophenol	6.669	128	421721	45.539	ng		99
9) Benzaldehyde	6.434	77	76239	11.551	ng		100
10) Phenol	6.528	94	537190m	44.413	ng		
11) bis(2-Chloroethyl)ether	6.622	93	415314	44.424	ng		98
12) 1,3-Dichlorobenzene	6.828	146	445567	41.914	ng		100
13) 1,4-Dichlorobenzene	6.904	146	451222	42.486	ng		98
14) 1,2-Dichlorobenzene	7.057	146	436039	43.991	ng		99
15) Benzyl Alcohol	7.022	79	401102	46.607	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	729372	45.754	ng		99
17) 2-Methylphenol	7.134	107	357238	45.240	ng		98
18) Hexachloroethane	7.398	117	167883	44.328	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	316534	44.484	ng		99
20) 3+4-Methylphenols	7.287	107	429500	42.524	ng	#	83
22) Acetophenone	7.292	105	581357	40.952	ng		95
24) Nitrobenzene	7.469	77	484476	42.255	ng		99
25) Isophorone	7.704	82	877268	44.198	ng		99
26) 2-Nitrophenol	7.781	139	224761	51.963	ng		98
27) 2,4-Dimethylphenol	7.816	122	356225	49.390	ng		97
28) bis(2-Chloroethoxy)met...	7.910	93	507643	42.214	ng		99
29) 2,4-Dichlorophenol	8.022	162	355487	43.272	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	369001	40.593	ng		99
31) Naphthalene	8.187	128	1235089	41.318	ng		100
32) Benzoic acid	7.939	122	273749	43.517	ng		99
33) 4-Chloroaniline	8.234	127	312033	30.613	ng		99
34) Hexachlorobutadiene	8.304	225	238473	41.753	ng		100
35) Caprolactam	8.616	113	109110m	41.770	ng		
36) 4-Chloro-3-methylphenol	8.716	107	413994	45.511	ng		100
37) 2-Methylnaphthalene	8.881	142	789184	43.108	ng		100
38) 1-Methylnaphthalene	8.981	142	736894	41.027	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	377935	42.566	ng		99
41) Hexachlorocyclopentadiene	9.034	237	486379	157.434	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	283966	45.173	ng		100

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44) 2,4,5-Trichlorophenol	9.204	196	280968	43.322	ng		98
46) 1,1'-Biphenyl	9.345	154	958578	41.840	ng		99
47) 2-Chloronaphthalene	9.375	162	768064	41.623	ng		99
48) 2-Nitroaniline	9.469	65	294307	52.148	ng		99
49) Acenaphthylene	9.792	152	1219325	45.707	ng		100
50) Dimethylphthalate	9.651	163	935222	45.622	ng		100
51) 2,6-Dinitrotoluene	9.716	165	207605	46.773	ng		98
52) Acenaphthene	9.963	154	873638	50.624	ng		99
53) 3-Nitroaniline	9.886	138	170303	37.207	ng		97
54) 2,4-Dinitrophenol	9.992	184	255962	134.000	ng	#	1
55) Dibenzofuran	10.139	168	1069090	43.178	ng		99
56) 4-Nitrophenol	10.051	139	362112	102.829	ng		96
57) 2,4-Dinitrotoluene	10.122	165	284689	52.158	ng		95
58) Fluorene	10.480	166	835136	44.284	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	240650	47.333	ng		99
60) Diethylphthalate	10.357	149	914530	45.437	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	417119	43.798	ng		98
62) 4-Nitroaniline	10.510	138	227675	52.666	ng		97
63) Azobenzene	10.633	77	960115	44.995	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	167497	65.885	ng		97
66) n-Nitrosodiphenylamine	10.592	169	780577	41.845	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	269239	41.933	ng		100
68) Hexachlorobenzene	11.033	284	303236	41.993	ng		97
69) Atrazine	11.122	200	263061	52.059	ng		99
70) Pentachlorophenol	11.227	266	379552	86.605	ng		100
71) Phenanthrene	11.451	178	1243011	42.222	ng		100
72) Anthracene	11.504	178	1270320	44.225	ng		100
73) Carbazole	11.657	167	1145850	42.893	ng		100
74) Di-n-butylphthalate	11.980	149	1405558	45.541	ng		100
75) Fluoranthene	12.639	202	1342278	45.101	ng		99
77) Benzidine	12.763	184	486388	74.921	ng		100
78) Pyrene	12.874	202	1365751	39.519	ng		100
80) Butylbenzylphthalate	13.492	149	563822	54.418	ng		100
81) Benzo(a)anthracene	14.063	228	1149166	44.713	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	280859	37.480	ng		98
83) Chrysene	14.104	228	1034892	43.917	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	742409	63.867	ng		99
85) Di-n-octyl phthalate	14.668	149	1185744	56.081	ng		98
87) Indeno(1,2,3-cd)pyrene	17.104	276	873757	41.888	ng		98
88) Benzo(b)fluoranthene	15.127	252	897299	45.430	ng		100
89) Benzo(k)fluoranthene	15.163	252	808073	47.439	ng		99
90) Benzo(a)pyrene	15.510	252	769877	47.371	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	713366	40.995	ng		98
92) Benzo(g,h,i)perylene	17.568	276	655826	37.731	ng		99

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

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