Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139959.D
Acq On : 23 Oct 2024 12:39
Operator : RC/JU
Sample : PB164123BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 23 13:22:34 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 :
PB164123BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	157015	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	616380	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	348472	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	625574	20.000	ng		0.00
76) Chrysene-d12	14.057	240	318250	20.000	ng		0.00
86) Perylene-d12	15.533	264	349349	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1314086	131.018	ng		0.02
7) Phenol-d6	6.516	99	1659988	127.788	ng		0.00
23) Nitrobenzene-d5	7.451	82	1077187	96.858	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	515054	158.016	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1931021	91.582	ng		0.00
79) Terphenyl-d14	13.004	244	2004549	102.635	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	175992	37.634	ng		96
3) Pyridine	3.516	79	471114	40.644	ng		96
4) n-Nitrosodimethylamine	3.469	42	267760	42.995	ng		95
6) Aniline	6.551	93	557615	46.059	ng		98
8) 2-Chlorophenol	6.675	128	511606	49.896	ng		97
9) Benzaldehyde	6.440	77	126825	17.355	ng		97
10) Phenol	6.528	94	639467m	47.749	ng		
11) bis(2-Chloroethyl)ether	6.628	93	485330	46.886	ng		98
12) 1,3-Dichlorobenzene	6.834	146	537187	45.640	ng		98
13) 1,4-Dichlorobenzene	6.910	146	546217	46.450	ng		99
14) 1,2-Dichlorobenzene	7.063	146	524912	47.829	ng		98
15) Benzyl Alcohol	7.028	79	471637	49.496	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	810592	45.925	ng		97
17) 2-Methylphenol	7.140	107	431652	49.370	ng		99
18) Hexachloroethane	7.404	117	195039	46.512	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	367544	46.651	ng		96
20) 3+4-Methylphenols	7.292	107	518857	46.396	ng	#	81
22) Acetophenone	7.298	105	692884	45.895	ng		99
24) Nitrobenzene	7.475	77	555417	45.551	ng		98
25) Isophorone	7.710	82	1009777	47.838	ng		99
26) 2-Nitrophenol	7.787	139	268407	58.350	ng		95
27) 2,4-Dimethylphenol	7.822	122	428034	55.805	ng		100
28) bis(2-Chloroethoxy)met...	7.922	93	600864	46.984	ng		100
29) 2,4-Dichlorophenol	8.028	162	425845	48.743	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	442395	45.763	ng		99
31) Naphthalene	8.192	128	1480485	46.572	ng		100
32) Benzoic acid	7.934	122	331294	49.522	ng		94
33) 4-Chloroaniline	8.239	127	279577	25.792	ng		98
34) Hexachlorobutadiene	8.310	225	281463	46.339	ng		99
35) Caprolactam	8.610	113	144372m	51.971	ng		
36) 4-Chloro-3-methylphenol	8.716	107	471188	48.707	ng		98
37) 2-Methylnaphthalene	8.886	142	934188	47.983	ng		100
38) 1-Methylnaphthalene	8.986	142	875790	45.850	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	441914	47.006	ng		99
41) Hexachlorocyclopentadiene	9.039	237	575484	175.926	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	338719	50.889	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	339933	49.501	ng		99
46) 1,1'-Biphenyl	9.351	154	1126703	46.445	ng		100
47) 2-Chloronaphthalene	9.375	162	901688	46.150	ng		99
48) 2-Nitroaniline	9.469	65	316703	52.999	ng		93
49) Acenaphthylene	9.792	152	1409992	49.917	ng		99
50) Dimethylphthalate	9.651	163	1070887	49.337	ng		100
51) 2,6-Dinitrotoluene	9.710	165	240598	51.194	ng		97
52) Acenaphthene	9.963	154	980931	53.683	ng		99
53) 3-Nitroaniline	9.881	138	165720	34.194	ng		95
54) 2,4-Dinitrophenol	9.986	184	264001	130.698	ng	#	1
55) Dibenzofuran	10.139	168	1240679	47.324	ng		98
56) 4-Nitrophenol	10.033	139	396279	106.278	ng		100
57) 2,4-Dinitrotoluene	10.116	165	329266	56.973	ng		96
58) Fluorene	10.480	166	935732	46.861	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	289740	53.821	ng		96
60) Diethylphthalate	10.351	149	1041864	48.887	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	475776	47.181	ng		99
62) 4-Nitroaniline	10.498	138	243551	53.208	ng		94
63) Azobenzene	10.633	77	1058273	46.839	ng		96
65) 4,6-Dinitro-2-methylph...	10.522	198	178099	69.796	ng		93
66) n-Nitrosodiphenylamine	10.592	169	894297	47.764	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	313776	48.688	ng		94
68) Hexachlorobenzene	11.028	284	354277	48.879	ng		95
69) Atrazine	11.116	200	291198	57.414	ng		99
70) Pentachlorophenol	11.216	266	442639	100.626	ng		100
71) Phenanthrene	11.445	178	1412519	47.802	ng		100
72) Anthracene	11.492	178	1430590	49.620	ng		99
73) Carbazole	11.645	167	1254503	46.786	ng		100
74) Di-n-butylphthalate	11.975	149	1506787	48.640	ng		100
75) Fluoranthene	12.627	202	1394053	46.667	ng		100
77) Benzidine	12.745	184	329626	62.989	ng		99
78) Pyrene	12.857	202	1391086	49.936	ng		100
80) Butylbenzylphthalate	13.474	149	451349	54.043	ng		98
81) Benzo(a)anthracene	14.045	228	1042409	50.317	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	240244	39.773	ng		98
83) Chrysene	14.080	228	963784	50.739	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	532526	56.832	ng		99
85) Di-n-octyl phthalate	14.645	149	950001	55.741	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1244594	55.378	ng		98
88) Benzo(b)fluoranthene	15.098	252	1062781	49.941	ng		99
89) Benzo(k)fluoranthene	15.127	252	864638	47.112	ng		100
90) Benzo(a)pyrene	15.468	252	941642	53.776	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	1028811	54.874	ng		98
92) Benzo(g,h,i)perylene	17.486	276	954801	50.984	ng		99

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

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