Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
Data File : BF140030.D
Acq On : 25 Oct 2024 11:41
Operator : RC/JU
Sample : PB164374BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 25 12:08:38 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 :
PB164374BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	100886	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	391509	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	214233	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	384147	20.000	ng		0.00
76) Chrysene-d12	14.057	240	203575	20.000	ng		0.00
86) Perylene-d12	15.533	264	193759	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	793076	123.065	ng		0.02
7) Phenol-d6	6.516	99	1003446	120.223	ng		0.00
23) Nitrobenzene-d5	7.451	82	661673	93.669	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	300787	150.103	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1184155	91.351	ng		0.00
79) Terphenyl-d14	12.998	244	1268534	101.538	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	107805	35.879	ng		97
3) Pyridine	3.528	79	288257	38.704	ng		97
4) n-Nitrosodimethylamine	3.481	42	173005	43.236	ng		95
6) Aniline	6.551	93	318952	41.003	ng		100
8) 2-Chlorophenol	6.675	128	312031	47.363	ng		97
9) Benzaldehyde	6.439	77	64105	13.653	ng		98
10) Phenol	6.528	94	387098m	44.986	ng		
11) bis(2-Chloroethyl)ether	6.628	93	286888	43.135	ng		99
12) 1,3-Dichlorobenzene	6.834	146	335607	44.377	ng		100
13) 1,4-Dichlorobenzene	6.910	146	339755	44.968	ng		99
14) 1,2-Dichlorobenzene	7.057	146	328181	46.540	ng		99
15) Benzyl Alcohol	7.028	79	290610	47.466	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	466707	41.153	ng		96
17) 2-Methylphenol	7.139	107	251978	44.854	ng		97
18) Hexachloroethane	7.404	117	124151	46.079	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	223903	44.231	ng		96
20) 3+4-Methylphenols	7.292	107	316250	44.013	ng	#	77
22) Acetophenone	7.298	105	431047	44.951	ng		99
24) Nitrobenzene	7.475	77	344463	44.476	ng		100
25) Isophorone	7.710	82	606860	45.263	ng		99
26) 2-Nitrophenol	7.786	139	160329	54.874	ng		98
27) 2,4-Dimethylphenol	7.822	122	254983	52.337	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	352686	43.418	ng		99
29) 2,4-Dichlorophenol	8.028	162	257196	46.348	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	273240	44.499	ng		98
31) Naphthalene	8.192	128	904628	44.802	ng		100
32) Benzoic acid	7.934	122	182063	42.846	ng		99
33) 4-Chloroaniline	8.239	127	142823	20.744	ng		97
34) Hexachlorobutadiene	8.310	225	178831	46.353	ng		100
35) Caprolactam	8.610	113	81837m	46.380	ng		
36) 4-Chloro-3-methylphenol	8.716	107	282495	45.974	ng		100
37) 2-Methylnaphthalene	8.886	142	569838	46.080	ng		100
38) 1-Methylnaphthalene	8.986	142	527797	43.502	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	269898	46.698	ng		98
41) Hexachlorocyclopentadiene	9.039	237	372714	185.333	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	199578	48.773	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	198949	47.125	ng		98
46) 1,1'-Biphenyl	9.351	154	685910	45.992	ng		99
47) 2-Chloronaphthalene	9.375	162	545380	45.404	ng		99
48) 2-Nitroaniline	9.469	65	188650	51.351	ng		94
49) Acenaphthylene	9.792	152	857267	49.366	ng		100
50) Dimethylphthalate	9.651	163	619174	46.401	ng		100
51) 2,6-Dinitrotoluene	9.710	165	137924	47.737	ng		99
52) Acenaphthene	9.963	154	604239	53.789	ng		100
53) 3-Nitroaniline	9.875	138	94828	31.826	ng		98
54) 2,4-Dinitrophenol	9.986	184	155861	125.771	ng	#	1
55) Dibenzofuran	10.133	168	754314	46.801	ng		99
56) 4-Nitrophenol	10.033	139	236075	102.985	ng		94
57) 2,4-Dinitrotoluene	10.116	165	191515	53.902	ng		98
58) Fluorene	10.480	166	577977	47.082	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	165825	50.105	ng		99
60) Diethylphthalate	10.351	149	597533	45.606	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	287843	46.431	ng		99
62) 4-Nitroaniline	10.492	138	144160	51.228	ng		95
63) Azobenzene	10.627	77	614092	44.211	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	104261	66.539	ng		94
66) n-Nitrosodiphenylamine	10.586	169	527823	45.908	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	183825	46.450	ng		99
68) Hexachlorobenzene	11.027	284	210019	47.187	ng		97
69) Atrazine	11.116	200	170592	54.774	ng		99
70) Pentachlorophenol	11.216	266	260905	96.588	ng		100
71) Phenanthrene	11.439	178	858420	47.308	ng		100
72) Anthracene	11.492	178	872145	49.262	ng		100
73) Carbazole	11.645	167	775573	47.103	ng		99
74) Di-n-butylphthalate	11.974	149	873378	45.912	ng		100
75) Fluoranthene	12.627	202	881421	48.050	ng		99
77) Benzidine	12.745	184	210534	62.894	ng		99
78) Pyrene	12.857	202	895090	50.231	ng		100
80) Butylbenzylphthalate	13.474	149	290878	54.448	ng		97
81) Benzo(a)anthracene	14.045	228	663969	50.103	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	135101	34.965	ng		99
83) Chrysene	14.080	228	603436	49.663	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	316605	52.822	ng		99
85) Di-n-octyl phthalate	14.645	149	452867	41.540	ng		98
87) Indeno(1,2,3-cd)pyrene	17.033	276	640442	51.379	ng		97
88) Benzo(b)fluoranthene	15.098	252	582607	49.361	ng		99
89) Benzo(k)fluoranthene	15.127	252	466644	45.843	ng		99
90) Benzo(a)pyrene	15.468	252	505655	52.066	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	520633	50.068	ng		98
92) Benzo(g,h,i)perylene	17.486	276	501438	48.276	ng		96

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

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