Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139402.D
Acq On : 17 Sep 2024 15:13
Operator : RC/JU
Sample : P3985-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 17 15:50:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	63641	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	237730	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	127420	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	190204	20.000	ng		0.00
76) Chrysene-d12	14.033	240	112114	20.000	ng		0.00
86) Perylene-d12	15.498	264	97799	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	324685	83.228	ng		0.01
7) Phenol-d6	6.510	99	452419	88.354	ng		0.00
23) Nitrobenzene-d5	7.439	82	298078	58.945	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	107934	79.566	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	555340	61.127	ng		0.00
79) Terphenyl-d14	12.980	244	371882	54.445	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	60996	38.972	ng		99
3) Pyridine	3.493	79	154703	44.831	ng		98
4) n-Nitrosodimethylamine	3.451	42	136567	45.660	ng		98
6) Aniline	6.539	93	167235	43.277	ng	#	83
8) 2-Chlorophenol	6.663	128	195020	48.564	ng		99
9) Benzaldehyde	6.428	77	39998	13.520	ng		95
10) Phenol	6.522	94	256230	49.132	ng		97
11) bis(2-Chloroethyl)ether	6.616	93	181967	45.907	ng		99
12) 1,3-Dichlorobenzene	6.822	146	205322	44.958	ng		99
13) 1,4-Dichlorobenzene	6.898	146	205619	44.553	ng		99
14) 1,2-Dichlorobenzene	7.045	146	196614	45.086	ng		100
15) Benzyl Alcohol	7.022	79	199140	48.746	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	326531	53.453	ng		97
17) 2-Methylphenol	7.134	107	156819	49.151	ng		99
18) Hexachloroethane	7.392	117	79965	45.490	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	155594	51.278	ng		100
20) 3+4-Methylphenols	7.286	107	208632	47.930	ng	#	88
22) Acetophenone	7.286	105	285850	45.994	ng		97
24) Nitrobenzene	7.463	77	231878	44.553	ng		97
25) Isophorone	7.698	82	402324	50.306	ng		99
26) 2-Nitrophenol	7.775	139	103922	51.252	ng		98
27) 2,4-Dimethylphenol	7.816	122	156807	58.626	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	228528	50.138	ng		99
29) 2,4-Dichlorophenol	8.016	162	164401	48.383	ng		98
30) 1,2,4-Trichlorobenzene	8.104	180	173783	43.895	ng		99
31) Naphthalene	8.186	128	576063	46.416	ng		100
32) Benzoic acid	7.934	122	109223	43.636	ng		97
33) 4-Chloroaniline	8.228	127	59970	15.795	ng		99
34) Hexachlorobutadiene	8.298	225	122205	45.433	ng		99
35) Caprolactam	8.604	113	48353m	46.261	ng		
36) 4-Chloro-3-methylphenol	8.716	107	181709	46.792	ng		97
37) 2-Methylnaphthalene	8.875	142	380585	48.312	ng		98
38) 1-Methylnaphthalene	8.975	142	351173	45.407	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	185150	49.029	ng		98
41) Hexachlorocyclopentadiene	9.028	237	178406	135.306	ng		98
43) 2,4,6-Trichlorophenol	9.151	196	125751	51.183	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139402.D
Acq On : 17 Sep 2024 15:13
Operator : RC/JU
Sample : P3985-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Quant Time: Sep 17 15:50:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	122448	47.248	ng	98
46) 1,1'-Biphenyl	9.339	154	473127	48.265	ng	100
47) 2-Chloronaphthalene	9.363	162	347237	47.375	ng	98
48) 2-Nitroaniline	9.457	65	132183	48.486	ng	97
49) Acenaphthylene	9.780	152	562594	50.991	ng	99
50) Dimethylphthalate	9.639	163	412429	49.315	ng	100
51) 2,6-Dinitrotoluene	9.698	165	88467	47.751	ng	97
52) Acenaphthene	9.951	154	403419	52.390	ng	99
53) 3-Nitroaniline	9.869	138	49825	26.910	ng	93
54) 2,4-Dinitrophenol	9.975	184	86802	84.081	ng	95
55) Dibenzofuran	10.122	168	510073	47.525	ng	98
56) 4-Nitrophenol	10.027	139	125488	81.908	ng	94
57) 2,4-Dinitrotoluene	10.104	165	115122	46.025	ng	100
58) Fluorene	10.463	166	399763	45.651	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	99225	46.284	ng	99
60) Diethylphthalate	10.333	149	421960	48.892	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	198855	46.726	ng	97
62) 4-Nitroaniline	10.480	138	76121	37.670	ng	98
63) Azobenzene	10.616	77	433488	51.068	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	54052	53.844	ng	94
66) n-Nitrosodiphenylamine	10.575	169	336572	60.525	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	110457	58.602	ng	99
68) Hexachlorobenzene	11.010	284	117187	52.975	ng	98
69) Atrazine	11.098	200	98971	74.758	ng	99
70) Pentachlorophenol	11.204	266	122553	92.327	ng	98
71) Phenanthrene	11.422	178	474526	51.711	ng	100
72) Anthracene	11.474	178	470368	52.426	ng	99
73) Carbazole	11.627	167	386366	44.993	ng	99
74) Di-n-butylphthalate	11.957	149	500935	52.367	ng	100
75) Fluoranthene	12.610	202	395811	40.390	ng	100
77) Benzidine	12.727	184	114565	71.324	ng	99
78) Pyrene	12.839	202	398286	41.374	ng	100
80) Butylbenzylphthalate	13.457	149	158135	48.261	ng	97
81) Benzo(a)anthracene	14.021	228	389773	52.485	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	85791	39.447	ng	100
83) Chrysene	14.063	228	330847	48.424	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	212127	50.890	ng	100
85) Di-n-octyl phthalate	14.621	149	379117	61.758	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	187696	32.276	ng	99
88) Benzo(b)fluoranthene	15.074	252	335062	55.551	ng	100
89) Benzo(k)fluoranthene	15.104	252	325435	58.518	ng	99
90) Benzo(a)pyrene	15.439	252	274187	54.812	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	155179	32.292	ng	99
92) Benzo(g,h,i)perylene	17.415	276	141200	29.676	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
Data File : BF139402.D
Acq On : 17 Sep 2024 15:13
Operator : RC/JU
Sample : P3985-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 17 15:50:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024