Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139506.D
Acq On : 20 Sep 2024 17:23
Operator : RC/JU
Sample : P4103-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 20 18:19:26 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 :
WC-22AMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	75118	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	265096	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	120212	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	206785	20.000	ng		0.00
76) Chrysene-d12	14.039	240	107208	20.000	ng	#	0.00
86) Perylene-d12	15.509	264	86523	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	543454	118.023	ng		0.02
7) Phenol-d6	6.516	99	681831	112.813	ng		0.01
23) Nitrobenzene-d5	7.445	82	482164	85.506	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	147424	115.193	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	774659	90.380	ng		0.00
79) Terphenyl-d14	12.986	244	721883	110.523	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	61147	33.099	ng	#	76
3) Pyridine	3.510	79	143606	35.257	ng		98
4) n-Nitrosodimethylamine	3.451	42	123552	34.997	ng	#	82
6) Aniline	6.592	93	33133m	7.264	ng		
8) 2-Chlorophenol	6.669	128	191088	40.315	ng		99
9) Benzaldehyde	6.434	77	25658	7.348	ng		98
10) Phenol	6.534	94	230326	37.417	ng		91
11) bis(2-Chloroethyl)ether	6.616	93	188819m	40.358	ng		
12) 1,3-Dichlorobenzene	6.822	146	163506	30.332	ng		97
13) 1,4-Dichlorobenzene	6.898	146	166389	30.545	ng		99
14) 1,2-Dichlorobenzene	7.045	146	163244	31.714	ng		98
15) Benzyl Alcohol	7.022	79	172782	35.832	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	319914	44.368	ng		84
17) 2-Methylphenol	7.139	107	159202	42.274	ng		99
18) Hexachloroethane	7.392	117	57688	27.803	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	149092	41.628	ng		98
20) 3+4-Methylphenols	7.292	107	208259	40.534	ng		93
22) Acetophenone	7.286	105	270879	39.086	ng		97
24) Nitrobenzene	7.463	77	214795	37.010	ng		97
25) Isophorone	7.698	82	395935	44.397	ng		99
26) 2-Nitrophenol	7.775	139	93418	41.315	ng		95
27) 2,4-Dimethylphenol	7.816	122	159513m	53.482	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	230166	45.285	ng		98
29) 2,4-Dichlorophenol	8.028	162	160577	42.380	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	151778	34.379	ng		98
31) Naphthalene	8.180	128	525937	38.002	ng		99
32) Benzoic acid	7.928	122	104999	37.618	ng		93
33) 4-Chloroaniline	8.280	127	25290	5.973	ng		97
34) Hexachlorobutadiene	8.298	225	98214	32.745	ng		99
35) Caprolactam	8.598	113	44585m	38.252	ng		
36) 4-Chloro-3-methylphenol	8.722	107	166514	38.453	ng		96
37) 2-Methylnaphthalene	8.875	142	337410	38.410	ng		100
38) 1-Methylnaphthalene	8.969	142	313160	36.312	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	158988	44.626	ng		99
41) Hexachlorocyclopentadiene	9.022	237	99484	79.974	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	108760	46.922	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139506.D
Acq On : 20 Sep 2024 17:23
Operator : RC/JU
Sample : P4103-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 20 18:19:26 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 :
WC-22AMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	110699	45.276	ng	96
46) 1,1'-Biphenyl	9.333	154	422065	45.637	ng	99
47) 2-Chloronaphthalene	9.363	162	302369	43.727	ng	99
48) 2-Nitroaniline	9.457	65	118985	46.262	ng	96
49) Acenaphthylene	9.774	152	492058	47.273	ng	100
50) Dimethylphthalate	9.633	163	387582	49.123	ng	99
51) 2,6-Dinitrotoluene	9.698	165	79789	45.649	ng	95
52) Acenaphthene	9.951	154	332144	45.720	ng	99
53) 3-Nitroaniline	9.869	138	38494	22.037	ng	92
54) 2,4-Dinitrophenol	9.975	184	57429	58.964	ng	92
55) Dibenzofuran	10.122	168	447474	44.192	ng	96
56) 4-Nitrophenol	10.033	139	113447	78.488	ng	86
57) 2,4-Dinitrotoluene	10.104	165	107111	45.390	ng	95
58) Fluorene	10.463	166	345845	41.862	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	93283	46.122	ng	94
60) Diethylphthalate	10.333	149	371672	45.648	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	169648	42.253	ng	95
62) 4-Nitroaniline	10.480	138	67491	35.401	ng	90
63) Azobenzene	10.616	77	343343	42.873	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	37426	34.292	ng	91
66) n-Nitrosodiphenylamine	10.574	169	285403	47.208	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	98353	47.996	ng	98
68) Hexachlorobenzene	11.010	284	109136	45.379	ng	100
69) Atrazine	11.104	200	66630	46.294	ng	97
70) Pentachlorophenol	11.210	266	142663	98.860	ng	99
71) Phenanthrene	11.427	178	481633	48.277	ng	100
72) Anthracene	11.480	178	496555	50.906	ng	99
73) Carbazole	11.633	167	457414	48.996	ng	99
74) Di-n-butylphthalate	11.963	149	524700	50.453	ng	99
75) Fluoranthene	12.616	202	521151	48.916	ng	98
77) Benzidine	12.745	184	29280	19.063	ng	96
78) Pyrene	12.845	202	520261	56.518	ng	100
80) Butylbenzylphthalate	13.457	149	194429	62.053	ng	100
81) Benzo(a)anthracene	14.027	228	345247	48.617	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	35822	17.225	ng	99
83) Chrysene	14.062	228	327709	50.159	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	225551	56.587	ng	99
85) Di-n-octyl phthalate	14.627	149	314082	53.505	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	238622	46.380	ng	97
88) Benzo(b)fluoranthene	15.080	252	252614	47.340	ng	99
89) Benzo(k)fluoranthene	15.109	252	259325	52.707	ng	99
90) Benzo(a)pyrene	15.451	252	232602	52.559	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	203415	47.847	ng	98
92) Benzo(g,h,i)perylene	17.433	276	169737	40.323	ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139506.D
Acq On : 20 Sep 2024 17:23
Operator : RC/JU
Sample : P4103-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 20 18:19:26 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 :
WC-22AMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024