Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139903.D
Acq On : 21 Oct 2024 15:15
Operator : RC/JU
Sample : P4385-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 15:41:49 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	163321	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	638402	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	343933	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	570576	20.000	ng	0.00
76) Chrysene-d12	14.057	240	298930	20.000	ng	0.00
86) Perylene-d12	15.533	264	341306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1217137	116.667	ng	0.02
7) Phenol-d6	6.510	99	1562444	115.635	ng	0.00
23) Nitrobenzene-d5	7.451	82	1004005	87.164	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	395137	122.826	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1728221	83.046	ng	0.00
79) Terphenyl-d14	12.998	244	1518139	82.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	228063	46.886	ng	97
3) Pyridine	3.522	79	577738	47.918	ng	99
4) n-Nitrosodimethylamine	3.475	42	328170	50.661	ng	99
6) Aniline	6.551	93	358661	28.481	ng	97
8) 2-Chlorophenol	6.675	128	577767	54.173	ng	98
9) Benzaldehyde	6.440	77	168270	22.137	ng	99
10) Phenol	6.528	94	745044m	53.484	ng	
11) bis(2-Chloroethyl)ether	6.622	93	565575	52.529	ng	100
12) 1,3-Dichlorobenzene	6.834	146	612426	50.023	ng	99
13) 1,4-Dichlorobenzene	6.910	146	614872	50.270	ng	99
14) 1,2-Dichlorobenzene	7.057	146	595411	52.158	ng	99
15) Benzyl Alcohol	7.028	79	538497	54.331	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	960673	52.327	ng	99
17) 2-Methylphenol	7.134	107	484216	53.244	ng	100
18) Hexachloroethane	7.404	117	222977	51.121	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	416456	50.819	ng	98
20) 3+4-Methylphenols	7.287	107	583044	50.123	ng	94
22) Acetophenone	7.298	105	771816	49.360	ng	100
24) Nitrobenzene	7.469	77	633055	50.127	ng	100
25) Isophorone	7.710	82	1143161	52.289	ng	100
26) 2-Nitrophenol	7.787	139	290123	60.895	ng	97
27) 2,4-Dimethylphenol	7.816	122	465684	58.619	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	680176	51.351	ng	100
29) 2,4-Dichlorophenol	8.022	162	472543	52.222	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	490878	49.026	ng	98
31) Naphthalene	8.192	128	1636861	49.715	ng	100
32) Benzoic acid	7.934	122	371322	53.590	ng	96
33) 4-Chloroaniline	8.240	127	106463	9.483	ng	98
34) Hexachlorobutadiene	8.310	225	315778	50.195	ng	100
35) Caprolactam	8.610	113	156599m	54.428	ng	
36) 4-Chloro-3-methylphenol	8.716	107	512994	51.199	ng	97
37) 2-Methylnaphthalene	8.887	142	1022931	50.729	ng	100
38) 1-Methylnaphthalene	8.987	142	958193	48.433	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	472211	50.891	ng	99
41) Hexachlorocyclopentadiene	9.039	237	509293	157.746	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	365986	55.712	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139903.D
Acq On : 21 Oct 2024 15:15
Operator : RC/JU
Sample : P4385-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 15:41:49 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	348599	51.433	ng		99
46) 1,1'-Biphenyl	9.351	154	1207748	50.443	ng		99
47) 2-Chloronaphthalene	9.375	162	976951	50.662	ng		99
48) 2-Nitroaniline	9.469	65	335852	56.945	ng		94
49) Acenaphthylene	9.792	152	1505400	53.998	ng		99
50) Dimethylphthalate	9.651	163	1138290	53.134	ng		100
51) 2,6-Dinitrotoluene	9.710	165	250213	53.943	ng		98
52) Acenaphthene	9.963	154	1031445	57.193	ng		100
53) 3-Nitroaniline	9.875	138	147184	30.770	ng		98
54) 2,4-Dinitrophenol	9.981	184	244925	123.246	ng	#	1
55) Dibenzofuran	10.134	168	1320686	51.040	ng		99
56) 4-Nitrophenol	10.034	139	381655	103.707	ng		98
57) 2,4-Dinitrotoluene	10.116	165	326515	57.242	ng		98
58) Fluorene	10.481	166	974437	49.443	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	284032	53.457	ng		98
60) Diethylphthalate	10.351	149	1085654	51.614	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	488451	49.077	ng		99
62) 4-Nitroaniline	10.492	138	224336	49.657	ng		98
63) Azobenzene	10.634	77	1348180	60.458	ng		89
65) 4,6-Dinitro-2-methylph...	10.522	198	164102	70.510	ng		92
66) n-Nitrosodiphenylamine	10.586	169	914399	53.545	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	314167	53.448	ng		95
68) Hexachlorobenzene	11.022	284	345791	52.307	ng		99
69) Atrazine	11.116	200	286426	61.917	ng		99
70) Pentachlorophenol	11.216	266	396159	98.740	ng		99
71) Phenanthrene	11.439	178	1389005	51.537	ng		100
72) Anthracene	11.492	178	1357792	51.634	ng		100
73) Carbazole	11.645	167	1174574	48.028	ng		99
74) Di-n-butylphthalate	11.975	149	1467314	51.931	ng		100
75) Fluoranthene	12.627	202	1278160	46.912	ng		99
77) Benzidine	12.745	184	139256	28.330	ng		99
78) Pyrene	12.857	202	1284179	49.078	ng		100
80) Butylbenzylphthalate	13.475	149	497868	63.465	ng		100
81) Benzo(a)anthracene	14.045	228	1024399	52.643	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	155200	27.354	ng		99
83) Chrysene	14.080	228	957695	53.677	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	612765	69.622	ng		99
85) Di-n-octyl phthalate	14.651	149	1042738	65.136	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	1022588	46.572	ng		98
88) Benzo(b)fluoranthene	15.098	252	1120950	53.915	ng		100
89) Benzo(k)fluoranthene	15.127	252	916543	51.117	ng		100
90) Benzo(a)pyrene	15.468	252	977805	57.157	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	836229	45.653	ng		99
92) Benzo(g,h,i)perylene	17.480	276	736293	40.243	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139903.D
Acq On : 21 Oct 2024 15:15
Operator : RC/JU
Sample : P4385-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 21 15:41:49 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 :
SP-3MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024