Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142284.D
Acq On : 02 May 2025 16:49
Operator : RC/JU
Sample : Q1916-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Quant Time: May 02 17:22:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	204976	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	787341	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	409977	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	690627	20.000	ng		0.00
76) Chrysene-d12	14.068	240	414504	20.000	ng		0.00
86) Perylene-d12	15.557	264	369935	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1439802	112.182	ng		0.01
7) Phenol-d6	6.528	99	1726581	111.402	ng		0.00
23) Nitrobenzene-d5	7.469	82	1068311	89.142	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	543856	145.513	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2131906	73.319	ng		0.00
79) Terphenyl-d14	13.016	244	1982275	69.554	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	196202	34.229	ng	#	82
4) n-Nitrosodimethylamine	3.499	42	302140	39.192	ng		98
8) 2-Chlorophenol	6.692	128	558653	42.123	ng		100
9) Benzaldehyde	6.457	77	218269	20.150	ng		99
10) Phenol	6.545	94	636232	38.131	ng		99
11) bis(2-Chloroethyl)ether	6.640	93	524904	40.596	ng		98
12) 1,3-Dichlorobenzene	6.851	146	576502	38.425	ng		100
13) 1,4-Dichlorobenzene	6.928	146	581657	38.480	ng		100
14) 1,2-Dichlorobenzene	7.075	146	565577	39.193	ng		100
15) Benzyl Alcohol	7.045	79	224717	20.443	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	943410	40.406	ng		98
17) 2-Methylphenol	7.151	107	459914	42.332	ng		96
18) Hexachloroethane	7.422	117	200611	40.548	ng		98
19) n-Nitroso-di-n-propyla...	7.322	70	385768	40.279	ng		98
20) 3+4-Methylphenols	7.304	107	560720	41.270	ng	#	88
22) Acetophenone	7.316	105	734683	40.334	ng		99
24) Nitrobenzene	7.487	77	556990	47.367	ng		99
25) Isophorone	7.728	82	1033345	41.084	ng		98
26) 2-Nitrophenol	7.804	139	266176	52.539	ng		98
27) 2,4-Dimethylphenol	7.834	122	530229	41.812	ng		100
28) bis(2-Chloroethoxy)met...	7.934	93	649216	40.928	ng		99
29) 2,4-Dichlorophenol	8.045	162	470112	44.341	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	481342	40.685	ng		99
31) Naphthalene	8.210	128	1596825	40.668	ng		100
32) Benzoic acid	7.934	122	188438	35.005	ng		95
33) 4-Chloroaniline	8.475	127	183661m	11.233	ng		
34) Hexachlorobutadiene	8.328	225	281407	40.768	ng		98
35) Caprolactam	8.628	113	138484m	43.456	ng		
36) 4-Chloro-3-methylphenol	8.734	107	453199	41.628	ng		97
37) 2-Methylnaphthalene	8.898	142	994337	41.188	ng		99
38) 1-Methylnaphthalene	8.998	142	1044823	41.777	ng		100
40) 1,2,4,5-Tetrachloroben...	9.069	216	481971	41.772	ng		99
41) Hexachlorocyclopentadiene	9.057	237	625836	95.571	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	340287	47.594	ng		99
44) 2,4,5-Trichlorophenol	9.216	196	358207	47.652	ng		99
46) 1,1'-Biphenyl	9.363	154	1350609	42.376	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142284.D
Acq On : 02 May 2025 16:49
Operator : RC/JU
Sample : Q1916-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 17:22:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.392	162	1006965	42.465	ng		99
48) 2-Nitroaniline	9.481	65	322548	51.225	ng		96
49) Acenaphthylene	9.804	152	1704823	42.605	ng		100
50) Dimethylphthalate	9.663	163	1183234	45.113	ng		100
51) 2,6-Dinitrotoluene	9.722	165	256900	50.810	ng		99
52) Acenaphthene	9.980	154	1115735	47.754	ng		98
53) 3-Nitroaniline	9.916	138	150946	26.215	ng		99
54) 2,4-Dinitrophenol	9.998	184	249236	115.189	ng	#	1
55) Dibenzofuran	10.151	168	1492355	42.610	ng		100
56) 4-Nitrophenol	10.045	139	403222	97.807	ng		100
57) 2,4-Dinitrotoluene	10.128	165	334352	54.180	ng		96
58) Fluorene	10.492	166	1176047	44.162	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	294684	47.325	ng		99
60) Diethylphthalate	10.363	149	1189291	45.918	ng		100
61) 4-Chlorophenyl-phenyle...	10.486	204	547908	43.324	ng		97
62) 4-Nitroaniline	10.510	138	161515	30.123	ng		98
63) Azobenzene	10.645	77	1096355	42.867	ng		100
65) 4,6-Dinitro-2-methylph...	10.533	198	153806	63.273	ng		92
66) n-Nitrosodiphenylamine	10.604	169	940521	39.857	ng		100
67) 4-Bromophenyl-phenylether	10.975	248	348818	45.352	ng		100
68) Hexachlorobenzene	11.039	284	381276	44.262	ng		97
69) Atrazine	11.151	200	90120	14.489	ng		99
70) Pentachlorophenol	11.233	266	463857	101.930	ng		99
71) Phenanthrene	11.457	178	1651513	44.271	ng		100
72) Anthracene	11.510	178	1677465	43.980	ng		100
73) Carbazole	11.657	167	1409654	40.515	ng		100
74) Di-n-butylphthalate	11.992	149	1781971	50.924	ng		100
75) Fluoranthene	12.645	202	1666749	45.198	ng		98
78) Pyrene	12.874	202	1664650	43.536	ng		99
80) Butylbenzylphthalate	13.492	149	587950	55.601	ng		98
81) Benzo(a)anthracene	14.057	228	1277412	45.907	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	12245	1.498	ng		98
83) Chrysene	14.098	228	1108733	43.773	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	718777	49.518	ng		100
85) Di-n-octyl phthalate	14.668	149	1138387	43.532	ng		99
87) Indeno(1,2,3-cd)pyrene	17.062	276	1116626	41.209	ng		99
88) Benzo(b)fluoranthene	15.121	252	1110580	48.331	ng		99
89) Benzo(k)fluoranthene	15.151	252	1131080	53.814	ng		99
90) Benzo(a)pyrene	15.498	252	1037141	49.299	ng		100
91) Dibenzo(a,h)anthracene	17.086	278	912446	41.490	ng		99
92) Benzo(g,h,i)perylene	17.521	276	878071	39.717	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142284.D
Acq On : 02 May 2025 16:49
Operator : RC/JU
Sample : Q1916-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: May 02 17:22:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-12MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/05/2025
Supervised By :Jagrut Upadhyay 05/05/2025