Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141458.D
Acq On : 05 Feb 2025 20:12
Operator : RC/JU
Sample : Q1280-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11984MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 01:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	66897	20.000	ng		-0.01
21) Naphthalene-d8	8.075	136	265780	20.000	ng		#-0.01
39) Acenaphthene-d10	9.828	164	144960	20.000	ng		-0.01
64) Phenanthrene-d10	11.316	188	235411	20.000	ng		-0.01
76) Chrysene-d12	13.957	240	131805	20.000	ng		-0.02
86) Perylene-d12	15.421	264	157079	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	616463	141.471	ng		0.01
7) Phenol-d6	6.434	99	742438	133.933	ng		0.00
23) Nitrobenzene-d5	7.357	82	545883	108.274	ng		-0.01
42) 2,4,6-Tribromophenol	10.622	330	236824	178.204	ng		-0.01
45) 2-Fluorobiphenyl	9.151	172	1022403	108.559	ng		-0.01
79) Terphenyl-d14	12.904	244	956863	111.958	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	75985	39.649	ng	#	81
3) Pyridine	3.340	79	173382	37.550	ng		96
4) n-Nitrosodimethylamine	3.263	42	128105	48.566	ng		87
6) Aniline	6.457	93	206584	44.025	ng	#	44
8) 2-Chlorophenol	6.581	128	225312	48.241	ng		96
9) Benzaldehyde	6.340	77	82749	25.771	ng		98
10) Phenol	6.451	94	252814	43.023	ng	#	63
11) bis(2-Chloroethyl)ether	6.528	93	210600	46.742	ng		99
12) 1,3-Dichlorobenzene	6.734	146	219925	42.706	ng		99
13) 1,4-Dichlorobenzene	6.810	146	224830	43.459	ng		100
14) 1,2-Dichlorobenzene	6.963	146	218757	45.157	ng		98
15) Benzyl Alcohol	6.934	79	207935	54.889	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.069	45	347556	44.361	ng		83
17) 2-Methylphenol	7.051	107	182501	48.078	ng	#	93
18) Hexachloroethane	7.304	117	85915	45.017	ng		95
19) n-Nitroso-di-n-propyla...	7.204	70	162744	49.408	ng		99
20) 3+4-Methylphenols	7.204	107	234351	50.282	ng	#	84
22) Acetophenone	7.198	105	359429	56.894	ng	#	98
24) Nitrobenzene	7.375	77	243385	46.583	ng		99
25) Isophorone	7.610	82	440036	50.492	ng		98
26) 2-Nitrophenol	7.692	139	120812	49.029	ng		96
27) 2,4-Dimethylphenol	7.734	122	198870m	63.408	ng		
28) bis(2-Chloroethoxy)met...	7.822	93	261025	46.955	ng		99
29) 2,4-Dichlorophenol	7.939	162	194265	50.595	ng		100
30) 1,2,4-Trichlorobenzene	8.016	180	201296	45.907	ng		99
31) Naphthalene	8.092	128	662262	47.168	ng		100
32) Benzoic acid	7.857	122	120105m	41.657	ng		
33) 4-Chloroaniline	8.145	127	166513	34.973	ng		99
34) Hexachlorobutadiene	8.210	225	123025	47.842	ng		100
35) Caprolactam	8.510	113	59465m	47.422	ng		
36) 4-Chloro-3-methylphenol	8.633	107	220873	53.629	ng		94
37) 2-Methylnaphthalene	8.786	142	427764	47.935	ng		100
38) 1-Methylnaphthalene	8.886	142	417270	47.601	ng		100
40) 1,2,4,5-Tetrachloroben...	8.951	216	229559	55.665	ng		98
41) Hexachlorocyclopentadiene	8.939	237	238220	195.596	ng		100
43) 2,4,6-Trichlorophenol	9.069	196	139338	51.621	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141458.D
Acq On : 05 Feb 2025 20:12
Operator : RC/JU
Sample : Q1280-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
72-11984MS

Quant Time: Feb 06 01:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	150956	51.383	ng		98
46) 1,1'-Biphenyl	9.251	154	630300	55.753	ng		99
47) 2-Chloronaphthalene	9.275	162	424646	48.191	ng		100
48) 2-Nitroaniline	9.375	65	149951	54.102	ng		97
49) Acenaphthylene	9.692	152	662981	53.749	ng		99
50) Dimethylphthalate	9.557	163	513623	52.461	ng		100
51) 2,6-Dinitrotoluene	9.616	165	111209	48.921	ng		95
52) Acenaphthene	9.863	154	500808m	56.832	ng		
53) 3-Nitroaniline	9.786	138	90378	40.564	ng		99
54) 2,4-Dinitrophenol	9.892	184	118727	112.353	ng		87
55) Dibenzofuran	10.033	168	611396	51.834	ng		96
56) 4-Nitrophenol	9.963	139	170592	104.693	ng		89
57) 2,4-Dinitrotoluene	10.022	165	153250	52.069	ng		92
58) Fluorene	10.380	166	484770	52.984	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	132394	57.282	ng		98
60) Diethylphthalate	10.257	149	496018	52.251	ng		99
61) 4-Chlorophenyl-phenyle...	10.369	204	233993	52.356	ng		97
62) 4-Nitroaniline	10.398	138	114543	52.292	ng		88
63) Azobenzene	10.533	77	478121	50.316	ng		97
65) 4,6-Dinitro-2-methylph...	10.428	198	80370	57.718	ng		95
66) n-Nitrosodiphenylamine	10.492	169	419456	55.090	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	142635	54.121	ng		100
68) Hexachlorobenzene	10.927	284	150509	53.838	ng		98
69) Atrazine	11.022	200	159712	62.737	ng		99
70) Pentachlorophenol	11.127	266	186615	113.994	ng		99
71) Phenanthrene	11.339	178	702251	55.495	ng		100
72) Anthracene	11.392	178	718982	57.987	ng		100
73) Carbazole	11.551	167	611956	55.661	ng		99
74) Di-n-butylphthalate	11.880	149	723274	54.283	ng		99
75) Fluoranthene	12.527	202	648956	51.938	ng		98
77) Benzidine	12.657	184	28446	6.732	ng		99
78) Pyrene	12.757	202	644570	50.946	ng		99
80) Butylbenzylphthalate	13.380	149	234779	53.116	ng		97
81) Benzo(a)anthracene	13.951	228	479731	52.745	ng		99
82) 3,3'-Dichlorobenzidine	13.916	252	155933	53.905	ng		99
83) Chrysene	13.986	228	437901	52.534	ng		99
84) Bis(2-ethylhexyl)phtha...	13.939	149	276285	49.275	ng		98
85) Di-n-octyl phthalate	14.568	149	424802	48.778	ng		98
87) Indeno(1,2,3-cd)pyrene	16.868	276	538520	53.117	ng		95
88) Benzo(b)fluoranthene	15.004	252	497125	50.313	ng		98
89) Benzo(k)fluoranthene	15.033	252	481278	54.984	ng		98
90) Benzo(a)pyrene	15.362	252	485063	58.094	ng		97
91) Dibenzo(a,h)anthracene	16.886	278	442815	54.289	ng		98
92) Benzo(g,h,i)perylene	17.304	276	391677	46.182	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020525\
Data File : BF141458.D
Acq On : 05 Feb 2025 20:12
Operator : RC/JU
Sample : Q1280-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 06 01:46:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
72-11984MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025