Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141876.D
Acq On : 06 Mar 2025 18:58
Operator : RC/JU
Sample : Q1492-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

Quant Time: Mar 07 00:20:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	165879	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	641339	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	343104	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	535087	20.000	ng		0.00
76) Chrysene-d12	14.045	240	408916	20.000	ng		0.00
86) Perylene-d12	15.521	264	392870	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1053716	101.446	ng		0.00
7) Phenol-d6	6.510	99	1349756	99.837	ng		0.00
23) Nitrobenzene-d5	7.445	82	885873	88.292	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	412077	127.930	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1701534	79.519	ng		0.00
79) Terphenyl-d14	12.992	244	1738196	68.774	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	189030	40.108	ng		96
3) Pyridine	3.493	79	439346	37.466	ng		96
4) n-Nitrosodimethylamine	3.428	42	225946	40.044	ng	#	95
6) Aniline	6.545	93	263363	18.738	ng		98
8) 2-Chlorophenol	6.669	128	496022	44.145	ng		95
9) Benzaldehyde	6.434	77	172920	21.989	ng		98
10) Phenol	6.522	94	595810	41.241	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	448513	40.728	ng		95
12) 1,3-Dichlorobenzene	6.828	146	527851	43.866	ng		99
13) 1,4-Dichlorobenzene	6.904	146	525467	43.339	ng		100
14) 1,2-Dichlorobenzene	7.057	146	502115	44.349	ng		99
15) Benzyl Alcohol	7.022	79	439921	40.715	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	556085	33.251	ng		95
17) 2-Methylphenol	7.134	107	393992	42.480	ng		99
18) Hexachloroethane	7.398	117	195738	43.133	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	335961	37.803	ng		98
20) 3+4-Methylphenols	7.281	107	498449	43.160	ng		95
22) Acetophenone	7.293	105	735580	47.093	ng		99
24) Nitrobenzene	7.463	77	517248	48.141	ng		99
25) Isophorone	7.704	82	922364	42.790	ng		99
26) 2-Nitrophenol	7.781	139	253903	52.435	ng		97
27) 2,4-Dimethylphenol	7.816	122	418965	52.875	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	547974	39.852	ng		99
29) 2,4-Dichlorophenol	8.016	162	406039	44.420	ng		100
30) 1,2,4-Trichlorobenzene	8.104	180	440747	44.002	ng		100
31) Naphthalene	8.187	128	1426633	43.281	ng		99
32) Benzoic acid	7.922	122	297673	45.490	ng		97
33) 4-Chloroaniline	8.234	127	98459	8.147	ng		98
34) Hexachlorobutadiene	8.304	225	284215	45.662	ng		99
35) Caprolactam	8.598	113	130837m	46.527	ng		
36) 4-Chloro-3-methylphenol	8.710	107	437995	43.133	ng		99
37) 2-Methylnaphthalene	8.881	142	895702	41.429	ng		100
38) 1-Methylnaphthalene	8.981	142	871992	42.033	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	501259	50.585	ng		99
41) Hexachlorocyclopentadiene	9.034	237	621666	150.328	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	293240	45.812	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141876.D
Acq On : 06 Mar 2025 18:58
Operator : RC/JU
Sample : Q1492-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

Quant Time: Mar 07 00:20:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	302356	47.702	ng		98
46) 1,1'-Biphenyl	9.345	154	1284202	49.174	ng		98
47) 2-Chloronaphthalene	9.369	162	873028	45.293	ng		99
48) 2-Nitroaniline	9.457	65	270419	50.959	ng		97
49) Acenaphthylene	9.781	152	1310365	45.342	ng		100
50) Dimethylphthalate	9.639	163	1047770	45.601	ng		100
51) 2,6-Dinitrotoluene	9.698	165	218549	49.620	ng		97
52) Acenaphthene	9.957	154	940623	48.237	ng		99
53) 3-Nitroaniline	9.869	138	123441	27.702	ng	#	92
54) 2,4-Dinitrophenol	9.975	184	175151	84.922	ng	#	1
55) Dibenzofuran	10.128	168	1220355	42.997	ng		100
56) 4-Nitrophenol	10.022	139	345342	101.763	ng		97
57) 2,4-Dinitrotoluene	10.104	165	287461	53.135	ng		91
58) Fluorene	10.469	166	943758	44.391	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	252533	45.810	ng		99
60) Diethylphthalate	10.339	149	1012899	43.974	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	479447	45.010	ng		99
62) 4-Nitroaniline	10.481	138	173517	44.221	ng		98
63) Azobenzene	10.622	77	1021007	42.098	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	112730	45.291	ng		89
66) n-Nitrosodiphenylamine	10.581	169	822515	46.813	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	294514	47.122	ng		99
68) Hexachlorobenzene	11.016	284	325688	49.348	ng		98
69) Atrazine	11.104	200	310940	64.353	ng		100
70) Pentachlorophenol	11.210	266	399912	95.539	ng		99
71) Phenanthrene	11.433	178	1307483	45.681	ng		100
72) Anthracene	11.480	178	1306433	45.543	ng		99
73) Carbazole	11.633	167	1115639	44.042	ng		99
74) Di-n-butylphthalate	11.969	149	1414226	44.044	ng		99
75) Fluoranthene	12.616	202	1276768	43.534	ng		97
78) Pyrene	12.845	202	1302226	36.776	ng		99
80) Butylbenzylphthalate	13.469	149	536612	41.711	ng		98
81) Benzo(a)anthracene	14.039	228	1209514	44.781	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	20307	2.621	ng	#	87
83) Chrysene	14.074	228	1084992	43.577	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	725244	45.274	ng		99
85) Di-n-octyl phthalate	14.639	149	1216781	50.737	ng		96
87) Indeno(1,2,3-cd)pyrene	17.015	276	1066521	42.632	ng		95
88) Benzo(b)fluoranthene	15.092	252	1168709	43.672	ng		99
89) Benzo(k)fluoranthene	15.121	252	1105159	48.587	ng		99
90) Benzo(a)pyrene	15.463	252	1023157	47.673	ng		99
91) Dibenzo(a,h)anthracene	17.033	278	901828	44.164	ng		97
92) Benzo(g,h,i)perylene	17.462	276	791785	37.849	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141876.D
Acq On : 06 Mar 2025 18:58
Operator : RC/JU
Sample : Q1492-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 07 00:20:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
RHL1PXIMSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025