Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141160.D
Acq On : 14 Jan 2025 21:42
Operator : RC/JU
Sample : Q1068-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

Quant Time: Jan 15 00:15:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	138181	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	515917	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	250445	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	380343	20.000	ng		0.00
76) Chrysene-d12	13.992	240	290730	20.000	ng		0.00
86) Perylene-d12	15.445	264	246582	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	710203	79.398	ng		0.00
7) Phenol-d6	6.445	99	1045653	92.286	ng		0.00
23) Nitrobenzene-d5	7.380	82	679986	69.866	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	120336	42.169	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1233532	75.212	ng		0.00
79) Terphenyl-d14	12.933	244	1186539	60.660	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	105440	26.471	ng		98
3) Pyridine	3.328	79	263315	26.957	ng		97
4) n-Nitrosodimethylamine	3.275	42	151295	31.677	ng		99
6) Aniline	6.481	93	201870	20.067	ng		95
8) 2-Chlorophenol	6.604	128	307433	32.035	ng		97
9) Benzaldehyde	6.369	77	43653	6.541	ng		98
10) Phenol	6.463	94	400715	33.038	ng		97
11) bis(2-Chloroethyl)ether	6.557	93	311820	34.497	ng		97
12) 1,3-Dichlorobenzene	6.763	146	332076	31.025	ng		99
13) 1,4-Dichlorobenzene	6.839	146	337133	31.257	ng		99
14) 1,2-Dichlorobenzene	6.992	146	322455	32.050	ng		98
15) Benzyl Alcohol	6.957	79	287643	35.153	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	414024	32.824	ng		98
17) 2-Methylphenol	7.069	107	260592	33.634	ng		99
18) Hexachloroethane	7.333	117	110937	28.442	ng		98
19) n-Nitroso-di-n-propyla...	7.233	70	225561	33.795	ng		99
20) 3+4-Methylphenols	7.222	107	328554	33.612	ng	#	87
22) Acetophenone	7.228	105	435878	35.539	ng		97
24) Nitrobenzene	7.398	77	331424	32.673	ng		100
25) Isophorone	7.639	82	601015	36.134	ng		99
26) 2-Nitrophenol	7.716	139	105947	22.961	ng		97
27) 2,4-Dimethylphenol	7.751	122	255373	41.032	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	375237	35.948	ng		99
29) 2,4-Dichlorophenol	7.957	162	237802	32.171	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	277310	32.821	ng		99
31) Naphthalene	8.127	128	967471	35.559	ng		99
32) Benzoic acid	7.798	122	8161	1.367	ng		89
33) 4-Chloroaniline	8.169	127	177459	18.860	ng		99
34) Hexachlorobutadiene	8.245	225	171702	33.726	ng		99
35) Caprolactam	8.522	113	79145	32.704	ng		96
36) 4-Chloro-3-methylphenol	8.651	107	277559	34.334	ng		99
37) 2-Methylnaphthalene	8.816	142	618426	35.670	ng		100
38) 1-Methylnaphthalene	8.916	142	573735	33.578	ng		100
40) 1,2,4,5-Tetrachloroben...	8.980	216	273565	38.057	ng		99
41) Hexachlorocyclopentadiene	8.969	237	69850	29.701	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	96870	19.981	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141160.D
Acq On : 14 Jan 2025 21:42
Operator : RC/JU
Sample : Q1068-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

Quant Time: Jan 15 00:15:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	133061	25.988	ng		100
46) 1,1'-Biphenyl	9.280	154	734139	37.746	ng		99
47) 2-Chloronaphthalene	9.304	162	540596	35.686	ng		99
48) 2-Nitroaniline	9.398	65	171931	38.287	ng		98
49) Acenaphthylene	9.721	152	993645	45.910	ng		100
50) Dimethylphthalate	9.580	163	658818	39.184	ng		100
51) 2,6-Dinitrotoluene	9.639	165	131549	33.645	ng		94
52) Acenaphthene	9.892	154	534225	35.330	ng		99
53) 3-Nitroaniline	9.810	138	127093	31.987	ng		98
54) 2,4-Dinitrophenol	9.910	184	2716	1.461	ng	#	1
55) Dibenzofuran	10.063	168	743325	36.141	ng		99
56) 4-Nitrophenol	9.963	139	85333	27.423	ng		97
57) 2,4-Dinitrotoluene	10.039	165	166379	33.020	ng		98
58) Fluorene	10.404	166	586443	36.701	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	62364	14.653	ng		100
60) Diethylphthalate	10.280	149	618100	37.657	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	278109	35.710	ng		99
62) 4-Nitroaniline	10.416	138	136974	35.222	ng		97
63) Azobenzene	10.563	77	614753	37.957	ng		93
65) 4,6-Dinitro-2-methylph...	10.445	198	5417m	2.458	ng		
66) n-Nitrosodiphenylamine	10.516	169	500146	40.769	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	172968	39.500	ng		100
68) Hexachlorobenzene	10.957	284	181320	37.198	ng		99
69) Atrazine	11.045	200	169431	51.293	ng		99
70) Pentachlorophenol	11.145	266	84188	26.969	ng		98
71) Phenanthrene	11.368	178	917953	44.955	ng		100
72) Anthracene	11.421	178	940668	47.377	ng		100
73) Carbazole	11.574	167	702303	38.576	ng		100
74) Di-n-butylphthalate	11.910	149	889610	42.698	ng		100
75) Fluoranthene	12.562	202	1056993	51.873	ng		98
77) Benzidine	12.680	184	185251	34.360	ng		97
78) Pyrene	12.792	202	1247719	44.933	ng		99
80) Butylbenzylphthalate	13.409	149	346851	37.464	ng		99
81) Benzo(a)anthracene	13.980	228	910314	46.008	ng		94
82) 3,3'-Dichlorobenzidine	13.939	252	163939	26.021	ng		98
83) Chrysene	14.015	228	803945	43.425	ng		98
84) Bis(2-ethylhexyl)phtha...	13.974	149	478921	43.113	ng		99
85) Di-n-octyl phthalate	14.586	149	784314	46.756	ng		99
87) Indeno(1,2,3-cd)pyrene	16.903	276	692133	38.313	ng		96
88) Benzo(b)fluoranthene	15.027	252	848840	53.385	ng		99
89) Benzo(k)fluoranthene	15.051	252	597831m	44.491	ng		
90) Benzo(a)pyrene	15.386	252	756476	57.664	ng		99
91) Dibenzo(a,h)anthracene	16.921	278	453193	31.017	ng		98
92) Benzo(g,h,i)perylene	17.345	276	605763	39.858	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141160.D
Acq On : 14 Jan 2025 21:42
Operator : RC/JU
Sample : Q1068-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 15 00:15:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025