Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143013.D
Acq On : 07 Jul 2025 17:19
Operator : RC/JU
Sample : Q2478-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Jul 07 17:49:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	66708	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	246241	20.000	ng		-0.01
39) Acenaphthene-d10	9.916	164	120592	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	169949	20.000	ng		0.00
76) Chrysene-d12	14.057	240	131277	20.000	ng		0.00
86) Perylene-d12	15.551	264	127587	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	451217	112.617	ng		0.02
7) Phenol-d6	6.516	99	504517	106.729	ng		0.00
23) Nitrobenzene-d5	7.440	82	350233	78.015	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	142857	115.117	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	737129	80.299	ng		-0.01
79) Terphenyl-d14	12.992	244	600281	63.180	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	52230	32.591	ng	#	81
3) Pyridine	3.546	79	138352	34.437	ng		99
4) n-Nitrosodimethylamine	3.481	42	79599	38.314	ng		100
6) Aniline	6.540	93	85836	13.647	ng	#	46
8) 2-Chlorophenol	6.663	128	176852	40.919	ng		98
9) Benzaldehyde	6.428	77	65574	23.382	ng		100
10) Phenol	6.528	94	181551	34.552	ng		93
11) bis(2-Chloroethyl)ether	6.610	93	156781	41.747	ng		97
12) 1,3-Dichlorobenzene	6.816	146	185452	38.366	ng		99
13) 1,4-Dichlorobenzene	6.893	146	186453	38.232	ng		99
14) 1,2-Dichlorobenzene	7.045	146	177694	38.415	ng		98
15) Benzyl Alcohol	7.022	79	147375	43.125	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	228576	37.883	ng		86
17) 2-Methylphenol	7.134	107	130494	39.842	ng		96
18) Hexachloroethane	7.387	117	65563	38.436	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	117722	42.819	ng		97
20) 3+4-Methylphenols	7.287	107	171872	42.087	ng	#	89
22) Acetophenone	7.287	105	237842	43.801	ng		99
24) Nitrobenzene	7.463	77	173536	42.709	ng		98
25) Isophorone	7.698	82	313596	43.546	ng		100
26) 2-Nitrophenol	7.775	139	96426	43.565	ng		99
27) 2,4-Dimethylphenol	7.816	122	155889m	40.660	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	200453	43.782	ng		100
29) 2,4-Dichlorophenol	8.022	162	149142	42.902	ng		99
30) 1,2,4-Trichlorobenzene	8.098	180	155190	40.597	ng		99
31) Naphthalene	8.181	128	497050	41.238	ng		100
32) Benzoic acid	7.934	122	54644	27.963	ng		98
33) 4-Chloroaniline	8.234	127	45328	9.249	ng		99
34) Hexachlorobutadiene	8.292	225	95400	40.800	ng		99
35) Caprolactam	8.604	113	40041	43.649	ng		99
36) 4-Chloro-3-methylphenol	8.722	107	149149	43.170	ng		99
37) 2-Methylnaphthalene	8.875	142	311243	41.652	ng		99
38) 1-Methylnaphthalene	8.975	142	322000	41.627	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	158488	44.541	ng		99
41) Hexachlorocyclopentadiene	9.022	237	65852	32.612	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	100705	43.432	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143013.D
Acq On : 07 Jul 2025 17:19
Operator : RC/JU
Sample : Q2478-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Jul 07 17:49:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	103747	42.505	ng	98
46) 1,1'-Biphenyl	9.339	154	432690	45.421	ng	99
47) 2-Chloronaphthalene	9.363	162	310925	43.494	ng	100
48) 2-Nitroaniline	9.463	65	90433	45.123	ng	95
49) Acenaphthylene	9.781	152	502790	42.724	ng	100
50) Dimethylphthalate	9.639	163	381326	48.850	ng	100
51) 2,6-Dinitrotoluene	9.704	165	79170	46.183	ng	97
52) Acenaphthene	9.951	154	311523m	43.387	ng	
53) 3-Nitroaniline	9.875	138	43842	23.229	ng	99
54) 2,4-Dinitrophenol	9.986	184	42431	49.432	ng	97
55) Dibenzofuran	10.122	168	430683	41.830	ng	99
56) 4-Nitrophenol	10.045	139	80975	62.668	ng	97
57) 2,4-Dinitrotoluene	10.110	165	101064	44.384	ng	95
58) Fluorene	10.469	166	339085	42.169	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	80850	41.094	ng	94
60) Diethylphthalate	10.333	149	371522	48.542	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	165509	43.134	ng	99
62) 4-Nitroaniline	10.486	138	67738	39.242	ng	99
63) Azobenzene	10.616	77	286196	41.838	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	32436	31.554	ng	96
66) n-Nitrosodiphenylamine	10.575	169	293611	49.849	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	94866	49.047	ng	97
68) Hexachlorobenzene	11.016	284	96834	45.056	ng	98
69) Atrazine	11.104	200	88615	58.261	ng	100
70) Pentachlorophenol	11.216	266	80404	75.078	ng	98
71) Phenanthrene	11.433	178	410759	44.618	ng	99
72) Anthracene	11.486	178	418402	44.314	ng	100
73) Carbazole	11.639	167	376390	46.195	ng	99
74) Di-n-butylphthalate	11.963	149	496484	58.492	ng	99
75) Fluoranthene	12.622	202	403342	46.164	ng	100
77) Benzidine	12.745	184	99722	20.218	ng	99
78) Pyrene	12.851	202	411055	33.405	ng	100
80) Butylbenzylphthalate	13.463	149	183927	51.529	ng	98
81) Benzo(a)anthracene	14.045	228	397859	44.925	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	86231	30.019	ng	99
83) Chrysene	14.080	228	361481	45.743	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	262567	51.127	ng	100
85) Di-n-octyl phthalate	14.639	149	447424	46.204	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	286139	29.444	ng	98
88) Benzo(b)fluoranthene	15.110	252	406017	54.995	ng	99
89) Benzo(k)fluoranthene	15.139	252	329060	47.641	ng	99
90) Benzo(a)pyrene	15.486	252	331522	46.482	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	240217	30.422	ng	98
92) Benzo(g,h,i)perylene	17.527	276	215581	27.380	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070725\
Data File : BF143013.D
Acq On : 07 Jul 2025 17:19
Operator : RC/JU
Sample : Q2478-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Jul 07 17:49:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration