Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143713.D
Acq On : 11 Sep 2025 18:29
Operator : RC/JU
Sample : Q3032-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

Quant Time: Sep 11 19:01:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	37951	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	143541	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	73691	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	101346	20.000	ng	0.01
76) Chrysene-d12	14.063	240	96866	20.000	ng	0.02
86) Perylene-d12	15.539	264	76435	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	288557	129.725	ng	0.02
7) Phenol-d6	6.516	99	335330	123.811	ng	0.01
23) Nitrobenzene-d5	7.457	82	225017	97.507	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	98841	133.094	ng	0.01
45) 2-Fluorobiphenyl	9.251	172	490757	100.602	ng	0.00
79) Terphenyl-d14	13.010	244	430205	71.971	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	40143	40.457	ng	# 88
3) Pyridine	3.546	79	93700	36.557	ng	99
4) n-Nitrosodimethylamine	3.487	42	47123	48.399	ng	97
6) Aniline	6.557	93	70461	19.642	ng	96
8) 2-Chlorophenol	6.681	128	112460	46.812	ng	95
9) Benzaldehyde	6.446	77	48414	22.155	ng	98
10) Phenol	6.534	94	130197	43.488	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	110570	49.450	ng	99
12) 1,3-Dichlorobenzene	6.834	146	128589	46.801	ng	99
13) 1,4-Dichlorobenzene	6.910	146	131824	47.535	ng	100
14) 1,2-Dichlorobenzene	7.063	146	124960	47.716	ng	99
15) Benzyl Alcohol	7.034	79	98858	50.179	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	130401	44.576	ng	97
17) 2-Methylphenol	7.140	107	90924	47.048	ng	99
18) Hexachloroethane	7.410	117	40739	45.476	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	79541	47.818	ng	98
20) 3+4-Methylphenols	7.293	107	118188	46.441	ng	90
22) Acetophenone	7.304	105	176090	54.317	ng	98
24) Nitrobenzene	7.475	77	111717	46.688	ng	96
25) Isophorone	7.710	82	212014	47.911	ng	100
26) 2-Nitrophenol	7.787	139	61387	52.178	ng	97
27) 2,4-Dimethylphenol	7.822	122	106879	50.604	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	128683	47.320	ng	98
29) 2,4-Dichlorophenol	8.028	162	99761	46.956	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	107738	48.948	ng	99
31) Naphthalene	8.198	128	331188	46.608	ng	99
32) Benzoic acid	7.922	122	69432	53.884	ng	99
33) 4-Chloroaniline	8.240	127	29895	12.085	ng	99
34) Hexachlorobutadiene	8.316	225	65154	45.383	ng	99
35) Caprolactam	8.610	113	25590	45.255	ng	94
36) 4-Chloro-3-methylphenol	8.716	107	99959	47.717	ng	99
37) 2-Methylnaphthalene	8.887	142	204062	41.952	ng	100
38) 1-Methylnaphthalene	8.987	142	207897	44.536	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	118470	56.156	ng	99
41) Hexachlorocyclopentadiene	9.040	237	72694	67.117	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	72026	51.129	ng	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143713.D
Acq On : 11 Sep 2025 18:29
Operator : RC/JU
Sample : Q3032-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

Quant Time: Sep 11 19:01:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	72970	50.953	ng		98
46) 1,1'-Biphenyl	9.351	154	308807	58.209	ng		99
47) 2-Chloronaphthalene	9.381	162	208993	50.250	ng		99
48) 2-Nitroaniline	9.469	65	59341	53.915	ng		99
49) Acenaphthylene	9.798	152	337775	56.697	ng		100
50) Dimethylphthalate	9.651	163	249269	51.990	ng		100
51) 2,6-Dinitrotoluene	9.716	165	50318	54.890	ng		95
52) Acenaphthene	9.969	154	204592	49.836	ng		99
53) 3-Nitroaniline	9.881	138	31187	31.613	ng		99
54) 2,4-Dinitrophenol	9.986	184	33293	68.382	ng	#	54
55) Dibenzofuran	10.139	168	282460	47.849	ng		99
56) 4-Nitrophenol	10.034	139	69470	88.513	ng		99
57) 2,4-Dinitrotoluene	10.116	165	65006	52.103	ng		96
58) Fluorene	10.481	166	223335	48.331	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	57858	49.825	ng		98
60) Diethylphthalate	10.357	149	226244	50.262	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	110187	47.017	ng		98
62) 4-Nitroaniline	10.492	138	41481	44.395	ng		99
63) Azobenzene	10.634	77	189359	47.585	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	23446	45.439	ng		99
66) n-Nitrosodiphenylamine	10.592	169	186811	56.267	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	63856	52.249	ng		97
68) Hexachlorobenzene	11.028	284	67038	51.949	ng		96
69) Atrazine	11.116	200	58081	55.794	ng		99
70) Pentachlorophenol	11.222	266	81503	104.480	ng		99
71) Phenanthrene	11.445	178	280568	50.245	ng		100
72) Anthracene	11.498	178	282252	50.270	ng		100
73) Carbazole	11.651	167	241372	52.491	ng		99
74) Di-n-butylphthalate	11.980	149	302001	54.552	ng		99
75) Fluoranthene	12.633	202	272585	53.175	ng		98
77) Benzidine	12.751	184	69418	21.976	ng		99
78) Pyrene	12.863	202	286873	37.041	ng		99
80) Butylbenzylphthalate	13.480	149	116057	47.827	ng		97
81) Benzo(a)anthracene	14.051	228	318835	51.163	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	82485	43.024	ng		98
83) Chrysene	14.092	228	269392	47.200	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	162515	46.938	ng		98
85) Di-n-octyl phthalate	14.657	149	294275	47.430	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	177255	33.979	ng		99
88) Benzo(b)fluoranthene	15.110	252	267193	58.723	ng		100
89) Benzo(k)fluoranthene	15.139	252	264281	64.358	ng		99
90) Benzo(a)pyrene	15.480	252	221667	55.454	ng		100
91) Dibenzo(a,h)anthracene	17.057	278	146530	33.857	ng		98
92) Benzo(g,h,i)perylene	17.486	276	136145	33.631	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091125\
Data File : BF143713.D
Acq On : 11 Sep 2025 18:29
Operator : RC/JU
Sample : Q3032-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1MSD

Quant Time: Sep 11 19:01:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 15:20:16 2025
Response via : Initial Calibration