Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100225\
Data File : BF143860.D
Acq On : 02 Oct 2025 17:41
Operator : RC/JU
Sample : Q3256-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-PILE-1-WCMSD

Quant Time: Oct 02 18:05:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 05:00:00 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/03/2025
Supervised By :Jagrut Upadhyay 10/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	118556	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	457490	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	245435	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	401076	20.000	ng	0.00
76) Chrysene-d12	14.057	240	331563	20.000	ng	0.00
86) Perylene-d12	15.533	264	477862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	904107	123.899	ng	0.02
7) Phenol-d6	6.510	99	1031450	122.335	ng	0.00
23) Nitrobenzene-d5	7.445	82	733349	98.121	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	322300	88.689	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1424560	90.575	ng	0.00
79) Terphenyl-d14	12.998	244	1912479	117.308	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.834	88	144191	41.284	ng	# 80
3) Pyridine	3.540	79	363942	38.603	ng	90
4) n-Nitrosodimethylamine	3.481	42	207898	43.978	ng	87
6) Aniline	6.551	93	333090	27.220	ng	98
8) 2-Chlorophenol	6.669	128	371284	49.701	ng	100
9) Benzaldehyde	6.440	77	131934	17.869	ng	96
10) Phenol	6.528	94	439461	44.842	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	376320	48.986	ng	96
12) 1,3-Dichlorobenzene	6.828	146	402943	46.457	ng	99
13) 1,4-Dichlorobenzene	6.904	146	406244	46.933	ng	99
14) 1,2-Dichlorobenzene	7.057	146	392664	47.898	ng	100
15) Benzyl Alcohol	7.028	79	339861	55.786	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	759690	41.704	ng	95
17) 2-Methylphenol	7.134	107	295407	51.078	ng	99
18) Hexachloroethane	7.398	117	140404	46.124	ng	97
19) n-Nitroso-di-n-propyla...	7.298	70	269089	49.631	ng	90
20) 3+4-Methylphenols	7.287	107	342050	48.565	ng	# 82
22) Acetophenone	7.293	105	516809	51.433	ng	98
24) Nitrobenzene	7.469	77	404178	48.789	ng	97
25) Isophorone	7.704	82	742074	50.952	ng	99
26) 2-Nitrophenol	7.781	139	195364	56.908	ng	96
27) 2,4-Dimethylphenol	7.816	122	350985	53.917	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	456356	48.229	ng	99
29) 2,4-Dichlorophenol	8.022	162	329624	51.461	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	336279	50.589	ng	98
31) Naphthalene	8.192	128	1039157	47.449	ng	100
32) Benzoic acid	7.928	122	250034	79.609	ng	96
33) 4-Chloroaniline	8.234	127	111687	14.512	ng	97
34) Hexachlorobutadiene	8.304	225	238688	48.168	ng	99
35) Caprolactam	8.604	113	91120m	55.656	ng	
36) 4-Chloro-3-methylphenol	8.716	107	325274	54.146	ng	100
37) 2-Methylnaphthalene	8.881	142	645647	46.233	ng	99
38) 1-Methylnaphthalene	8.981	142	659154	49.313	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	382914	51.698	ng	99
41) Hexachlorocyclopentadiene	9.034	237	504845	107.546	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	245202	52.869	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	260533	53.706	ng		98
46) 1,1'-Biphenyl	9.345	154	934558	52.603	ng		99
47) 2-Chloronaphthalene	9.369	162	675714	47.249	ng		99
48) 2-Nitroaniline	9.463	65	260204	60.200	ng		99
49) Acenaphthylene	9.786	152	1093588	55.547	ng		100
50) Dimethylphthalate	9.645	163	788466	52.708	ng		100
51) 2,6-Dinitrotoluene	9.704	165	167941	68.330	ng		96
52) Acenaphthene	9.957	154	670238	51.733	ng		99
53) 3-Nitroaniline	9.875	138	113384	38.059	ng		96
54) 2,4-Dinitrophenol	9.981	184	135572	106.677	ng	#	20
55) Dibenzofuran	10.133	168	913928	49.886	ng		99
56) 4-Nitrophenol	10.034	139	242557	101.035	ng		92
57) 2,4-Dinitrotoluene	10.110	165	224347	60.676	ng		96
58) Fluorene	10.475	166	688703	50.567	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	256455	61.710	ng		98
60) Diethylphthalate	10.345	149	745041	53.205	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	355750	51.263	ng		96
62) 4-Nitroaniline	10.492	138	164871	58.857	ng		99
63) Azobenzene	10.628	77	749592	50.792	ng		96
65) 4,6-Dinitro-2-methylph...	10.516	198	101572	63.360	ng		86
66) n-Nitrosodiphenylamine	10.586	169	665735	50.472	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	348582	50.999	ng		99
68) Hexachlorobenzene	11.022	284	443908	47.127	ng		96
69) Atrazine	11.110	200	210420	55.089	ng		98
70) Pentachlorophenol	11.216	266	493064	105.160	ng		99
71) Phenanthrene	11.439	178	1003605	48.740	ng		100
72) Anthracene	11.492	178	1033434	50.034	ng		99
73) Carbazole	11.645	167	891669	49.376	ng		100
74) Di-n-butylphthalate	11.975	149	1053633	50.731	ng		99
75) Fluoranthene	12.627	202	1004895	48.522	ng		99
77) Benzidine	12.751	184	147859	18.301	ng		99
78) Pyrene	12.857	202	1010383	61.983	ng		99
80) Butylbenzylphthalate	13.474	149	362561	64.287	ng		96
81) Benzo(a)anthracene	14.045	228	927740	52.084	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	293500	38.035	ng		99
83) Chrysene	14.080	228	890746	55.265	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	442251	53.499	ng		98
85) Di-n-octyl phthalate	14.651	149	766040	51.086	ng		95
87) Indeno(1,2,3-cd)pyrene	17.039	276	1955449	53.933	ng		99
88) Benzo(b)fluoranthene	15.104	252	1292227	53.101	ng		100
89) Benzo(k)fluoranthene	15.133	252	1271681	52.014	ng		100
90) Benzo(a)pyrene	15.474	252	1286039	56.221	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	1574046	53.078	ng		100
92) Benzo(g,h,i)perylene	17.492	276	1595990	55.830	ng		100

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

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