Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
Data File : BP026163.D
Acq On : 19 Nov 2025 18:15
Operator : RC/JU
Sample : Q3530-01
Misc : LOD-SOIL-8ng
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 00:53:01 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 19 01:25:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/20/2025
Supervised By :Sohil Jodhani 11/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.672	152	211860	20.000	ng		0.00
21) Naphthalene-d8	10.443	136	793256	20.000	ng		0.00
39) Acenaphthene-d10	14.307	164	527477	20.000	ng		-0.02
64) Phenanthrene-d10	17.113	188	1104794	20.000	ng		-0.02
76) Chrysene-d12	21.566	240	1243805	20.000	ng		0.00
86) Perylene-d12	24.895	264	1300604	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.290	112	1818686	137.787	ng		0.00
7) Phenol-d6	6.849	99	2036030	121.166	ng		0.00
23) Nitrobenzene-d5	8.807	82	1241106	88.871	ng		0.00
42) 2,4,6-Tribromophenol	15.819	330	848855	124.053	ng		-0.02
45) 2-Fluorobiphenyl	12.919	172	3165273	87.947	ng		-0.01
79) Terphenyl-d14	19.860	244	5391500	88.386	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	52206	9.751	ng		97
3) Pyridine	3.619	79	115945	7.494	ng		96
4) n-Nitrosodimethylamine	3.525	42	44683	7.727	ng	#	94
6) Aniline	7.002	93	161258	7.268	ng		97
8) 2-Chlorophenol	7.237	128	112606	7.495	ng		92
9) Benzaldehyde	6.819	77	82832	9.406	ng		100
10) Phenol	6.872	94	131241	7.250	ng		94
11) bis(2-Chloroethyl)ether	7.096	93	98901	6.978	ng		99
12) 1,3-Dichlorobenzene	7.566	146	134523	8.311	ng		98
13) 1,4-Dichlorobenzene	7.702	146	131872	8.085	ng		98
14) 1,2-Dichlorobenzene	8.019	146	124459	7.947	ng		99
15) Benzyl Alcohol	7.907	79	79882	6.489	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.196	45	140453	7.056	ng		98
17) 2-Methylphenol	8.107	107	84008	6.817	ng		98
18) Hexachloroethane	8.737	117	45612	7.686	ng		98
19) n-Nitroso-di-n-propyla...	8.454	70	72479	6.943	ng		98
20) 3+4-Methylphenols	8.425	107	110242	6.456	ng		100
22) Acetophenone	8.472	105	157675	7.820	ng		99
24) Nitrobenzene	8.849	77	113137	8.009	ng		99
25) Isophorone	9.378	82	203147	7.338	ng		99
26) 2-Nitrophenol	9.554	139	43795	6.127	ng		94
27) 2,4-Dimethylphenol	9.619	122	87399	6.781	ng		97
28) bis(2-Chloroethoxy)met...	9.849	93	130008	7.498	ng		99
29) 2,4-Dichlorophenol	10.096	162	90703	7.041	ng		97
30) 1,2,4-Trichlorobenzene	10.301	180	108727	8.288	ng		99
31) Naphthalene	10.490	128	334797	7.809	ng		99
32) Benzoic acid	9.684	122	63414m	5.842	ng		
33) 4-Chloroaniline	10.590	127	138545	7.599	ng		100
34) Hexachlorobutadiene	10.784	225	65192	7.641	ng		98
35) Caprolactam	11.343	113	31572	6.844	ng		97
36) 4-Chloro-3-methylphenol	11.719	107	100820	7.363	ng		97
37) 2-Methylnaphthalene	12.107	142	210719	6.933	ng		98
38) 1-Methylnaphthalene	12.319	142	225368	7.586	ng		98
40) 1,2,4,5-Tetrachloroben...	12.484	216	123679	7.754	ng		99
41) Hexachlorocyclopentadiene	12.472	237	58479	5.602	ng		99
43) 2,4,6-Trichlorophenol	12.719	196	75369	6.893	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.795	196	84737	6.943	ng		98
46)	1,1'-Biphenyl	13.131	154	315052	7.932	ng		99
47)	2-Chloronaphthalene	13.172	162	241910	7.745	ng		99
48)	2-Nitroaniline	13.366	65	55535	6.394	ng		97
49)	Acenaphthylene	14.019	152	386194	7.496	ng		99
50)	Dimethylphthalate	13.754	163	305345	7.750	ng		99
51)	2,6-Dinitrotoluene	13.872	165	57824	7.407	ng		99
52)	Acenaphthene	14.366	154	245115	8.119	ng		98
53)	3-Nitroaniline	14.201	138	62423	6.791	ng	#	89
54)	2,4-Dinitrophenol	14.407	184	19730	4.187	ng		89
55)	Dibenzofuran	14.713	168	381045	8.149	ng		99
56)	4-Nitrophenol	14.525	139	45902	5.520	ng		97
57)	2,4-Dinitrotoluene	14.672	165	75330	6.463	ng		98
58)	Fluorene	15.378	166	302868	8.194	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.948	232	79391	7.667	ng		99
60)	Diethylphthalate	15.148	149	305325	7.693	ng		100
61)	4-Chlorophenyl-phenyle...	15.372	204	148302	8.064	ng		99
62)	4-Nitroaniline	15.378	138	63213	6.623	ng		95
63)	Azobenzene	15.672	77	262881	7.856	ng		97
65)	4,6-Dinitro-2-methylph...	15.448	198	36053	5.137	ng		96
66)	n-Nitrosodiphenylamine	15.595	169	266838	7.808	ng		99
67)	4-Bromophenyl-phenylether	16.289	248	91826	7.505	ng		96
68)	Hexachlorobenzene	16.407	284	109044	7.680	ng		98
69)	Atrazine	16.572	200	95998	7.449	ng		99
70)	Pentachlorophenol	16.766	266	61763	6.219	ng		98
71)	Phenanthrene	17.160	178	509078	8.180	ng		99
72)	Anthracene	17.254	178	500185	7.880	ng		99
73)	Carbazole	17.525	167	474746	7.874	ng		99
74)	Di-n-butylphthalate	18.148	149	517902	7.246	ng		99
75)	Fluoranthene	19.248	202	604694	7.997	ng		100
77)	Benzidine	19.460	184	237094	6.006	ng		98
78)	Pyrene	19.630	202	639807	7.845	ng		100
80)	Butylbenzylphthalate	20.607	149	221746	6.174	ng		97
81)	Benzo(a)anthracene	21.548	228	662468	7.755	ng		99
82)	3,3'-Dichlorobenzidine	21.477	252	208793	6.721	ng		97
83)	Chrysene	21.613	228	632731	7.859	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.513	149	358207	6.589	ng		100
85)	Di-n-octyl phthalate	22.795	149	543231	5.714	ng		99
87)	Indeno(1,2,3-cd)pyrene	28.659	276	734034	7.525	ng	#	94
88)	Benzo(b)fluoranthene	23.842	252	637371	8.047	ng		98
89)	Benzo(k)fluoranthene	23.913	252	630365	7.968	ng		97
90)	Benzo(a)pyrene	24.730	252	597142	7.959	ng		99
91)	Dibenzo(a,h)anthracene	28.742	278	604036	7.565	ng		98
92)	Benzo(g,h,i)perylene	29.818	276	604976	7.623	ng		98

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

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