Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111925\
Data File : BP026162.D
Acq On : 19 Nov 2025 17:34
Operator : RC/JU
Sample : Q3530-01
Misc : LOD-SOIL-4ng
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 17:53:37 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	7.666	152	273127	20.000	ng		0.00
21) Naphthalene-d8	10.437	136	1101014	20.000	ng		-0.01
39) Acenaphthene-d10	14.307	164	715287	20.000	ng		-0.02
64) Phenanthrene-d10	17.113	188	1445364	20.000	ng		-0.02
76) Chrysene-d12	21.565	240	1577582	20.000	ng		0.00
86) Perylene-d12	24.889	264	1771600	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.284	112	1887916	110.947	ng		0.00
7) Phenol-d6	6.849	99	2412503	111.365	ng		0.00
23) Nitrobenzene-d5	8.807	82	1592293	82.148	ng		0.00
42) 2,4,6-Tribromophenol	15.819	330	1022372	110.181	ng		-0.02
45) 2-Fluorobiphenyl	12.919	172	4021890	82.407	ng		-0.01
79) Terphenyl-d14	19.854	244	6474660	83.686	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	26516	3.842	ng		99
3) Pyridine	3.619	79	65299	3.274	ng		96
4) n-Nitrosodimethylamine	3.525	42	26577	3.565	ng	#	85
6) Aniline	7.001	93	105009	3.671	ng		99
8) 2-Chlorophenol	7.243	128	70966	3.664	ng		96
9) Benzaldehyde	6.819	77	60638	5.341	ng		97
10) Phenol	6.872	94	83044	3.558	ng		93
11) bis(2-Chloroethyl)ether	7.101	93	65626	3.592	ng		96
12) 1,3-Dichlorobenzene	7.560	146	78975	3.785	ng		97
13) 1,4-Dichlorobenzene	7.701	146	80103	3.810	ng		98
14) 1,2-Dichlorobenzene	8.013	146	79063	3.916	ng		99
15) Benzyl Alcohol	7.901	79	52711	3.321	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.190	45	95675	3.728	ng		99
17) 2-Methylphenol	8.101	107	51448	3.238	ng		98
18) Hexachloroethane	8.737	117	28141	3.678	ng		98
19) n-Nitroso-di-n-propyla...	8.460	70	48642	3.614	ng		96
20) 3+4-Methylphenols	8.425	107	68449	3.109	ng		95
22) Acetophenone	8.478	105	103275	3.690	ng	#	98
24) Nitrobenzene	8.848	77	75295	3.840	ng		99
25) Isophorone	9.372	82	134031	3.488	ng		99
26) 2-Nitrophenol	9.554	139	27431	2.765	ng		95
27) 2,4-Dimethylphenol	9.619	122	56675	3.168	ng		98
28) bis(2-Chloroethoxy)met...	9.854	93	86791	3.606	ng		99
29) 2,4-Dichlorophenol	10.090	162	57857	3.236	ng		96
30) 1,2,4-Trichlorobenzene	10.301	180	71866	3.947	ng		97
31) Naphthalene	10.490	128	222669	3.742	ng		99
32) Benzoic acid	9.678	122	22223m	1.475	ng		
33) 4-Chloroaniline	10.595	127	85744	3.388	ng		98
34) Hexachlorobutadiene	10.784	225	44612	3.767	ng		96
35) Caprolactam	11.348	113	17074	2.667	ng		97
36) 4-Chloro-3-methylphenol	11.725	107	58404	3.073	ng		98
37) 2-Methylnaphthalene	12.107	142	137849	3.268	ng		100
38) 1-Methylnaphthalene	12.325	142	147922	3.588	ng		97
40) 1,2,4,5-Tetrachloroben...	12.478	216	82291	3.805	ng		100
41) Hexachlorocyclopentadiene	12.466	237	45682	3.227	ng		96
43) 2,4,6-Trichlorophenol	12.725	196	45511	3.069	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.795	196	48404	2.924	ng		98
46) 1,1'-Biphenyl	13.131	154	204107	3.790	ng		99
47) 2-Chloronaphthalene	13.172	162	155025	3.660	ng		97
48) 2-Nitroaniline	13.372	65	31315	2.659	ng		91
49) Acenaphthylene	14.025	152	247994	3.550	ng		99
50) Dimethylphthalate	13.760	163	192448	3.602	ng		100
51) 2,6-Dinitrotoluene	13.866	165	33548	3.169	ng		93
52) Acenaphthene	14.372	154	154985	3.786	ng		97
53) 3-Nitroaniline	14.201	138	33076	2.654	ng	#	94
54) 2,4-Dinitrophenol	14.413	184	9960	1.559	ng		97
55) Dibenzofuran	14.713	168	242881	3.830	ng		99
56) 4-Nitrophenol	14.530	139	22401m	1.987	ng		
57) 2,4-Dinitrotoluene	14.666	165	41854	2.648	ng	#	94
58) Fluorene	15.372	166	191540	3.822	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.942	232	47586	3.389	ng	#	100
60) Diethylphthalate	15.148	149	190321	3.536	ng		99
61) 4-Chlorophenyl-phenyle...	15.377	204	98220	3.939	ng		96
62) 4-Nitroaniline	15.383	138	34156	2.639	ng		91
63) Azobenzene	15.672	77	158177	3.486	ng		99
65) 4,6-Dinitro-2-methylph...	15.448	198	19573	2.132	ng		98
66) n-Nitrosodiphenylamine	15.589	169	165791	3.708	ng		99
67) 4-Bromophenyl-phenylether	16.283	248	57670	3.603	ng		96
68) Hexachlorobenzene	16.401	284	68082	3.665	ng		98
69) Atrazine	16.566	200	55362	3.284	ng		98
70) Pentachlorophenol	16.760	266	34494	2.655	ng		96
71) Phenanthrene	17.154	178	311719	3.829	ng		100
72) Anthracene	17.248	178	301175	3.627	ng		99
73) Carbazole	17.524	167	275783	3.496	ng		99
74) Di-n-butylphthalate	18.136	149	310493	3.320	ng		98
75) Fluoranthene	19.248	202	354584	3.584	ng		99
77) Benzidine	19.448	184	150227	3.001	ng		98
78) Pyrene	19.630	202	375283	3.628	ng		99
80) Butylbenzylphthalate	20.595	149	138674	3.044	ng		100
81) Benzo(a)anthracene	21.548	228	396279	3.658	ng		99
82) 3,3'-Dichlorobenzidine	21.471	252	128781	3.269	ng		98
83) Chrysene	21.612	228	388516	3.805	ng		99
84) Bis(2-ethylhexyl)phtha...	21.512	149	221603	3.214	ng		97
85) Di-n-octyl phthalate	22.795	149	351112	2.912	ng		99
87) Indeno(1,2,3-cd)pyrene	28.653	276	455947m	3.432	ng		
88) Benzo(b)fluoranthene	23.842	252	384558	3.564	ng		98
89) Benzo(k)fluoranthene	23.912	252	391570	3.634	ng	#	98
90) Benzo(a)pyrene	24.730	252	364991	3.572	ng		100
91) Dibenzo(a,h)anthracene	28.736	278	370034	3.402	ng		99
92) Benzo(g,h,i)perylene	29.812	276	366815	3.393	ng		98

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

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