Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112125\
Data File : BP026184.D
Acq On : 21 Nov 2025 14:51
Operator : RC/JU
Sample : Q3530-03
Misc : MDL-SOIL-4NG
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 21 15:12:01 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 :
MDL-SOIL-03-QT4-2025

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.625	152	470925	20.000	ng		-0.05
21) Naphthalene-d8	10.402	136	1776136	20.000	ng		-0.05
39) Acenaphthene-d10	14.296	164	1039504	20.000	ng		-0.03
64) Phenanthrene-d10	17.131	188	1888452	20.000	ng		0.00
76) Chrysene-d12	21.595	240	1871276	20.000	ng		0.02
86) Perylene-d12	24.930	264	1963408	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.249	112	3194678	108.886	ng		-0.04
7) Phenol-d6	6.808	99	3936578	105.393	ng		-0.05
23) Nitrobenzene-d5	8.766	82	2550179	81.557	ng		-0.05
42) 2,4,6-Tribromophenol	15.837	330	1364517	101.189	ng		0.00
45) 2-Fluorobiphenyl	12.901	172	5757014	81.168	ng		-0.03
79) Terphenyl-d14	19.883	244	7638388	83.232	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	44645	3.752	ng		95
3) Pyridine	3.614	79	114827	3.339	ng	#	92
4) n-Nitrosodimethylamine	3.526	42	43710	3.401	ng	#	90
6) Aniline	6.955	93	174494	3.538	ng		99
8) 2-Chlorophenol	7.196	128	118970	3.562	ng		93
9) Benzaldehyde	6.778	77	99734	5.095	ng		99
10) Phenol	6.831	94	138427	3.440	ng		91
11) bis(2-Chloroethyl)ether	7.049	93	112765	3.579	ng		100
12) 1,3-Dichlorobenzene	7.519	146	137719	3.828	ng		97
13) 1,4-Dichlorobenzene	7.655	146	138409	3.818	ng		100
14) 1,2-Dichlorobenzene	7.972	146	129877	3.731	ng		98
15) Benzyl Alcohol	7.861	79	89264	3.262	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.149	45	160110	3.619	ng		99
17) 2-Methylphenol	8.061	107	88993	3.249	ng		98
18) Hexachloroethane	8.690	117	48495	3.676	ng		95
19) n-Nitroso-di-n-propyla...	8.419	70	70499	3.038	ng		98
20) 3+4-Methylphenols	8.384	107	115549	3.044	ng		98
22) Acetophenone	8.437	105	167620	3.713	ng	#	98
24) Nitrobenzene	8.808	77	125031	3.953	ng		99
25) Isophorone	9.337	82	202283	3.263	ng		99
26) 2-Nitrophenol	9.519	139	45997	2.874	ng		92
27) 2,4-Dimethylphenol	9.584	122	95708	3.316	ng		98
28) bis(2-Chloroethoxy)met...	9.813	93	136645	3.520	ng		96
29) 2,4-Dichlorophenol	10.055	162	91973	3.189	ng		98
30) 1,2,4-Trichlorobenzene	10.272	180	119691	4.075	ng		95
31) Naphthalene	10.449	128	355134	3.700	ng		99
32) Benzoic acid	9.643	122	37879	1.559	ng		95
33) 4-Chloroaniline	10.560	127	135170	3.311	ng		99
34) Hexachlorobutadiene	10.749	225	71702	3.753	ng		98
35) Caprolactam	11.325	113	24607	2.382	ng		96
36) 4-Chloro-3-methylphenol	11.702	107	89270	2.912	ng		99
37) 2-Methylnaphthalene	12.090	142	210780	3.097	ng		99
38) 1-Methylnaphthalene	12.302	142	225768	3.394	ng		98
40) 1,2,4,5-Tetrachloroben...	12.460	216	123994	3.945	ng		99
41) Hexachlorocyclopentadiene	12.443	237	60601	2.946	ng		98
43) 2,4,6-Trichlorophenol	12.707	196	69872	3.243	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	74525	3.098	ng	99
46) 1,1'-Biphenyl	13.113	154	306744	3.919	ng	100
47) 2-Chloronaphthalene	13.154	162	234204	3.805	ng	99
48) 2-Nitroaniline	13.360	65	47278	2.762	ng	91
49) Acenaphthylene	14.013	152	354708	3.494	ng	100
50) Dimethylphthalate	13.760	163	267996	3.452	ng	100
51) 2,6-Dinitrotoluene	13.866	165	48260	3.137	ng	97
52) Acenaphthene	14.372	154	220769	3.710	ng	97
53) 3-Nitroaniline	14.201	138	48013	2.651	ng	100
54) 2,4-Dinitrophenol	14.413	184	13477	1.451	ng	98
55) Dibenzofuran	14.713	168	345961	3.754	ng	99
56) 4-Nitrophenol	14.525	139	30977m	1.890	ng	
57) 2,4-Dinitrotoluene	14.666	165	59269	2.580	ng	93
58) Fluorene	15.378	166	266737	3.662	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.943	232	64486	3.160	ng	99
60) Diethylphthalate	15.154	149	259798	3.322	ng	98
61) 4-Chlorophenyl-phenyle...	15.384	204	133579	3.686	ng	96
62) 4-Nitroaniline	15.390	138	42108	2.239	ng	98
63) Azobenzene	15.678	77	221977	3.366	ng	99
65) 4,6-Dinitro-2-methylph...	15.460	198	25683	2.141	ng	88
66) n-Nitrosodiphenylamine	15.590	169	222154	3.803	ng	98
67) 4-Bromophenyl-phenylether	16.301	248	77142	3.689	ng	97
68) Hexachlorobenzene	16.407	284	90916	3.746	ng	98
69) Atrazine	16.584	200	72969	3.312	ng	100
70) Pentachlorophenol	16.772	266	47485	2.797	ng	92
71) Phenanthrene	17.178	178	406867	3.825	ng	99
72) Anthracene	17.266	178	391031	3.604	ng	99
73) Carbazole	17.554	167	350257	3.399	ng	99
74) Di-n-butylphthalate	18.160	149	396684	3.247	ng	99
75) Fluoranthene	19.284	202	438409	3.392	ng	99
77) Benzidine	19.472	184	157877	2.658	ng	98
78) Pyrene	19.660	202	462909	3.773	ng	100
80) Butylbenzylphthalate	20.619	149	159812	2.958	ng	100
81) Benzo(a)anthracene	21.572	228	463462	3.606	ng	99
82) 3,3'-Dichlorobenzidine	21.489	252	142116	3.041	ng	99
83) Chrysene	21.642	228	447621	3.696	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	252284	3.084	ng	99
85) Di-n-octyl phthalate	22.813	149	381476	2.667	ng	99
87) Indeno(1,2,3-cd)pyrene	28.701	276	501318m	3.405	ng	
88) Benzo(b)fluoranthene	23.866	252	423109	3.539	ng	99
89) Benzo(k)fluoranthene	23.924	252	452966m	3.793	ng	
90) Benzo(a)pyrene	24.760	252	405189	3.578	ng	99
91) Dibenzo(a,h)anthracene	28.783	278	408739	3.391	ng	99
92) Benzo(g,h,i)perylene	29.859	276	407447	3.401	ng	100

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

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