Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090425\
Data File : BP025659.D
Acq On : 04 Sep 2025 14:06
Operator : CG/JU
Sample : Q2893-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 04 14:56:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-SOIL-02-QT3-2025

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/08/2025
Supervised By :Jagrut Upadhyay 09/08/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	159542	20.000	ng		-0.03
21) Naphthalene-d8	10.543	136	639022	20.000	ng		-0.02
39) Acenaphthene-d10	14.384	164	426175	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	858681	20.000	ng		#-0.01
76) Chrysene-d12	21.648	240	928786	20.000	ng		0.00
86) Perylene-d12	25.013	264	995879	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	1123788	116.977	ng		-0.02
7) Phenol-d6	6.961	99	1456954	118.289	ng		0.00
23) Nitrobenzene-d5	8.913	82	1001690	79.295	ng		-0.02
42) 2,4,6-Tribromophenol	15.913	330	721182	125.721	ng		0.00
45) 2-Fluorobiphenyl	12.996	172	2312066	74.145	ng		-0.02
79) Terphenyl-d14	19.913	244	3981185	78.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	17402	4.624	ng	#	89
3) Pyridine	3.725	79	43007	4.176	ng		94
6) Aniline	7.102	93	72069	4.343	ng		99
8) 2-Chlorophenol	7.343	128	49223	4.540	ng		89
10) Phenol	6.984	94	55795	4.317	ng		86
11) bis(2-Chloroethyl)ether	7.196	93	44462	4.414	ng		98
12) 1,3-Dichlorobenzene	7.661	146	53905	4.509	ng		97
13) 1,4-Dichlorobenzene	7.802	146	55096	4.509	ng		98
14) 1,2-Dichlorobenzene	8.119	146	53336	4.510	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.290	45	65622	4.863	ng		94
17) 2-Methylphenol	8.213	107	37698	4.200	ng		99
18) Hexachloroethane	8.837	117	20408	4.543	ng		98
22) Acetophenone	8.584	105	72370	4.516	ng	#	95
24) Nitrobenzene	8.955	77	55843	4.946	ng		98
25) Isophorone	9.478	82	96345	4.310	ng		97
26) 2-Nitrophenol	9.666	139	23147	3.995	ng		94
27) 2,4-Dimethylphenol	9.737	122	38534	3.867	ng		96
28) bis(2-Chloroethoxy)met...	9.955	93	57689	4.269	ng		93
29) 2,4-Dichlorophenol	10.225	162	36209	3.658	ng		93
30) 1,2,4-Trichlorobenzene	10.402	180	49009	4.517	ng		96
31) Naphthalene	10.590	128	151717	4.568	ng		99
33) 4-Chloroaniline	10.713	127	55676	3.795	ng		97
34) Hexachlorobutadiene	10.872	225	30308	4.485	ng		96
36) 4-Chloro-3-methylphenol	11.843	107	47369	4.171	ng		99
37) 2-Methylnaphthalene	12.201	142	93240	4.314	ng		98
38) 1-Methylnaphthalene	12.413	142	100047	4.353	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	55992	4.549	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	32044	3.856	ng		94
44) 2,4,5-Trichlorophenol	12.907	196	36449	4.002	ng		91
46) 1,1'-Biphenyl	13.213	154	141937	4.586	ng		96
47) 2-Chloronaphthalene	13.254	162	107810	4.474	ng		99
48) 2-Nitroaniline	13.466	65	29072	4.141	ng		95
49) Acenaphthylene	14.107	152	177187	4.444	ng		97
50) Dimethylphthalate	13.843	163	143413	4.595	ng		98
51) 2,6-Dinitrotoluene	13.960	165	27759	4.220	ng	#	77
52) Acenaphthene	14.448	154	102960	4.399	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
53)	3-Nitroaniline	14.301	138	25824	3.489	ng		97
55)	Dibenzofuran	14.790	168	168370	4.550	ng		97
57)	2,4-Dinitrotoluene	14.760	165	37687	4.016	ng	#	94
58)	Fluorene	15.454	166	135196	4.631	ng		97
59)	2,3,4,6-Tetrachlorophenol	15.031	232	32797	4.079	ng		96
60)	Diethylphthalate	15.225	149	148274	4.676	ng		98
61)	4-Chlorophenyl-phenyle...	15.448	204	68751	4.735	ng		96
62)	4-Nitroaniline	15.501	138	25302m	3.335	ng		
63)	Azobenzene	15.742	77	127483	4.695	ng		96
66)	n-Nitrosodiphenylamine	15.666	169	118451	4.524	ng		100
67)	4-Bromophenyl-phenylether	16.366	248	43159	4.570	ng		93
68)	Hexachlorobenzene	16.484	284	50252	4.590	ng		96
69)	Atrazine	16.648	200	43134	4.399	ng		98
71)	Phenanthrene	17.236	178	214879	4.555	ng		97
72)	Anthracene	17.331	178	214393	4.451	ng		100
73)	Carbazole	17.613	167	190582	4.200	ng		97
74)	Di-n-butylphthalate	18.201	149	245902	4.405	ng		100
75)	Fluoranthene	19.331	202	248530	4.417	ng		98
78)	Pyrene	19.701	202	262575	4.350	ng		98
80)	Butylbenzylphthalate	20.642	149	115848	4.234	ng		99
81)	Benzo(a)anthracene	21.625	228	268429	4.382	ng		97
83)	Chrysene	21.695	228	264349	4.608	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.560	149	175341	4.354	ng		98
87)	Indeno(1,2,3-cd)pyrene	28.842	276	296458	4.059	ng	#	91
88)	Benzo(b)fluoranthene	23.948	252	258604	4.404	ng		98
89)	Benzo(k)fluoranthene	24.013	252	263611	4.486	ng		99
90)	Benzo(a)pyrene	24.854	252	249774	4.369	ng		98
91)	Dibenzo(a,h)anthracene	28.930	278	244483	4.096	ng		99
92)	Benzo(g,h,i)perylene	30.053	276	242472	4.133	ng		97

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

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