Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
Data File : BP025749.D
Acq On : 15 Sep 2025 12:29
Operator : CG/JU
Sample : Q2893-03
Misc : Q3-MDL-SOIL-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-03-QT3-2025

Quant Time: Sep 15 13:19:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.754	152	137962	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	566211	20.000	ng		0.00
39) Acenaphthene-d10	14.389	164	388487	20.000	ng		0.01
64) Phenanthrene-d10	17.177	188	814972	20.000	ng		0.00
76) Chrysene-d12	21.624	240	906043	20.000	ng		-0.02
86) Perylene-d12	24.971	264	939141	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	1155418	135.133	ng		0.00
7) Phenol-d6	6.943	99	1576552	138.722	ng		0.00
23) Nitrobenzene-d5	8.901	82	1131091	88.118	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	644501	133.007	ng		0.00
45) 2-Fluorobiphenyl	12.989	172	2585910	88.630	ng		0.00
79) Terphenyl-d14	19.901	244	4296483	85.308	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	30330	8.452	ng		98
3) Pyridine	3.713	79	82436	8.343	ng		99
4) n-Nitrosodimethylamine	3.613	42	38727	8.306	ng	#	90
6) Aniline	7.096	93	134120	8.597	ng		98
8) 2-Chlorophenol	7.331	128	82422	8.787	ng		96
9) Benzaldehyde	6.913	77	76645	11.252	ng		96
10) Phenol	6.972	94	102835	8.581	ng		95
11) bis(2-Chloroethyl)ether	7.190	93	83014	8.622	ng		95
12) 1,3-Dichlorobenzene	7.649	146	94493	8.851	ng		95
13) 1,4-Dichlorobenzene	7.796	146	93917	8.637	ng		99
14) 1,2-Dichlorobenzene	8.107	146	93306	8.832	ng		98
15) Benzyl Alcohol	8.001	79	71663	7.631	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.278	45	140709	8.937	ng		99
17) 2-Methylphenol	8.201	107	65675	8.129	ng		98
18) Hexachloroethane	8.819	117	35228	8.481	ng		88
19) n-Nitroso-di-n-propyla...	8.554	70	69498	8.768	ng		98
20) 3+4-Methylphenols	8.537	107	84099	7.433	ng		97
22) Acetophenone	8.566	105	132909	8.784	ng	#	95
24) Nitrobenzene	8.943	77	104676	9.090	ng		97
25) Isophorone	9.472	82	187804	8.324	ng		98
26) 2-Nitrophenol	9.654	139	38703	7.570	ng		97
27) 2,4-Dimethylphenol	9.719	122	67384	7.513	ng		94
28) bis(2-Chloroethoxy)met...	9.943	93	109994	8.434	ng		99
29) 2,4-Dichlorophenol	10.207	162	70013	7.829	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	87089	8.641	ng		99
31) Naphthalene	10.578	128	267728	8.769	ng		99
32) Benzoic acid	9.848	122	40915m	6.136	ng		
33) 4-Chloroaniline	10.701	127	101630	7.987	ng		98
34) Hexachlorobutadiene	10.854	225	57848	8.916	ng		98
35) Caprolactam	11.472	113	24231	7.029	ng		89
36) 4-Chloro-3-methylphenol	11.825	107	83415	7.824	ng		97
37) 2-Methylnaphthalene	12.189	142	171640	8.753	ng		100
38) 1-Methylnaphthalene	12.407	142	180487	8.631	ng		99
40) 1,2,4,5-Tetrachloroben...	12.560	216	105299	8.945	ng		99
41) Hexachlorocyclopentadiene	12.531	237	34144	5.325	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	62719	8.104	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	68608	7.966	ng		92
46) 1,1'-Biphenyl	13.201	154	258771	9.075	ng		98
47) 2-Chloronaphthalene	13.242	162	201953	8.995	ng		99
48) 2-Nitroaniline	13.454	65	57334	7.660	ng		95
49) Acenaphthylene	14.107	152	318189	8.553	ng		98
50) Dimethylphthalate	13.831	163	256116	8.635	ng		99
51) 2,6-Dinitrotoluene	13.948	165	52066	8.286	ng		93
52) Acenaphthene	14.454	154	191301	8.917	ng		98
53) 3-Nitroaniline	14.295	138	47299	7.158	ng		96
54) 2,4-Dinitrophenol	14.519	184	17905	8.943	ng		90
55) Dibenzofuran	14.789	168	309822	8.861	ng		98
56) 4-Nitrophenol	14.660	139	21809m	8.100	ng		
57) 2,4-Dinitrotoluene	14.766	165	69802	7.805	ng		92
58) Fluorene	15.448	166	254310	9.146	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.025	232	62494	8.055	ng		98
60) Diethylphthalate	15.219	149	256401	8.522	ng		99
61) 4-Chlorophenyl-phenyle...	15.442	204	130531	9.315	ng		97
62) 4-Nitroaniline	15.489	138	39443	5.826	ng		94
63) Azobenzene	15.742	77	253031	8.698	ng		98
65) 4,6-Dinitro-2-methylph...	15.542	198	33201	6.126	ng		92
66) n-Nitrosodiphenylamine	15.660	169	222527	8.922	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	77820	8.692	ng		99
68) Hexachlorobenzene	16.477	284	86948	8.708	ng		98
69) Atrazine	16.636	200	78512	8.236	ng		93
70) Pentachlorophenol	16.842	266	47937	7.275	ng		94
71) Phenanthrene	17.219	178	416749	9.015	ng		99
72) Anthracene	17.319	178	407483	8.687	ng		99
73) Carbazole	17.601	167	369519	8.474	ng		98
74) Di-n-butylphthalate	18.183	149	446369	8.341	ng		100
75) Fluoranthene	19.307	202	494898	8.926	ng		100
77) Benzidine	19.518	184	200419	7.679	ng		99
78) Pyrene	19.689	202	517657	8.563	ng		99
80) Butylbenzylphthalate	20.630	149	206764	7.800	ng		99
81) Benzo(a)anthracene	21.601	228	533841	8.606	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	169820	7.918	ng		97
83) Chrysene	21.671	228	522474	8.836	ng		99
84) Bis(2-ethylhexyl)phtha...	21.536	149	304389	7.849	ng		99
85) Di-n-octyl phthalate	22.807	149	506384	7.340	ng		99
87) Indeno(1,2,3-cd)pyrene	28.777	276	565494	8.280	ng	#	79
88) Benzo(b)fluoranthene	23.912	252	494374	8.608	ng		100
89) Benzo(k)fluoranthene	23.983	252	543218	9.269	ng		99
90) Benzo(a)pyrene	24.818	252	476886	8.479	ng		100
91) Dibenzo(a,h)anthracene	28.871	278	468914	8.390	ng		97
92) Benzo(g,h,i)perylene	29.977	276	461745	8.401	ng		100

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

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