Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020525\
Data File : BG063998.D
Acq On : 5 Feb 2025 12:14
Operator : RC/JU
Sample : Q1168-02
Misc : LOQ-SOIL 5PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 05 16:51:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 05 16:34:22 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-SOIL-02-QT1-2025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152	62836	20.000	ng		0.00
21) Naphthalene-d8	10.662	136	271791	20.000	ng		0.00
39) Acenaphthene-d10	14.493	164	181472	20.000	ng		0.00
64) Phenanthrene-d10	17.237	188	415221	20.000	ng		0.00
76) Chrysene-d12	21.467	240	447057	20.000	ng		0.00
86) Perylene-d12	24.493	264	459000	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	402614	102.731	ng		0.00
7) Phenol-d6	7.031	99	556657	103.501	ng		0.00
23) Nitrobenzene-d5	9.023	82	372125	83.211	ng		0.00
42) 2,4,6-Tribromophenol	15.979	330	204461	101.342	ng		0.00
45) 2-Fluorobiphenyl	13.124	172	897936	75.811	ng		0.00
79) Terphenyl-d14	19.857	244	1536573	71.782	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.394	88	11113	5.971	ng		89
3) Pyridine	3.782	79	22945	4.565	ng		93
6) Aniline	7.196	93	31937	5.541	ng		96
8) 2-Chlorophenol	7.437	128	21674	5.427	ng		91
10) Phenol	7.061	94	30081	5.313	ng		97
11) bis(2-Chloroethyl)ether	7.296	93	23296	5.110	ng		93
12) 1,3-Dichlorobenzene	7.760	146	23888	5.027	ng		96
13) 1,4-Dichlorobenzene	7.907	146	25562	5.326	ng		91
14) 1,2-Dichlorobenzene	8.224	146	24892	5.411	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.394	45	50405	5.491	ng		98
17) 2-Methylphenol	8.306	107	17842	4.873	ng		92
18) Hexachloroethane	8.952	117	8754	5.542	ng		90
19) n-Nitroso-di-n-propyla...	8.670	70	18619	4.999	ng	#	97
22) Acetophenone	8.688	105	38737	5.187	ng	#	93
24) Nitrobenzene	9.064	77	27616	6.153	ng		92
25) Isophorone	9.587	82	50326	5.191	ng		97
26) 2-Nitrophenol	9.775	139	5793	6.194	ng		95
27) 2,4-Dimethylphenol	9.834	122	12185m	4.369	ng		
28) bis(2-Chloroethoxy)met...	10.069	93	32105	5.204	ng		95
29) 2,4-Dichlorophenol	10.304	162	17017	5.034	ng		98
30) 1,2,4-Trichlorobenzene	10.527	180	23415	5.111	ng		93
31) Naphthalene	10.709	128	74659	5.124	ng	#	94
33) 4-Chloroaniline	10.809	127	27693	4.960	ng		97
34) Hexachlorobutadiene	11.009	225	15483	5.307	ng		91
36) 4-Chloro-3-methylphenol	11.931	107	23427	5.248	ng		98
37) 2-Methylnaphthalene	12.319	142	51670	5.088	ng		93
38) 1-Methylnaphthalene	12.536	142	49635m	4.940	ng		
40) 1,2,4,5-Tetrachloroben...	12.683	216	29792	5.567	ng		97
43) 2,4,6-Trichlorophenol	12.918	196	13121	5.022	ng		92
44) 2,4,5-Trichlorophenol	12.989	196	14929	4.945	ng		93
46) 1,1'-Biphenyl	13.330	154	75249	5.446	ng		95
47) 2-Chloronaphthalene	13.365	162	53815	5.344	ng		99
48) 2-Nitroaniline	13.559	65	11198	4.957	ng		91
49) Acenaphthylene	14.211	152	83255	5.322	ng		95
50) Dimethylphthalate	13.952	163	62903	5.228	ng		99
51) 2,6-Dinitrotoluene	14.058	165	8642	4.569	ng		94

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52) Acenaphthene	14.558	154	55661	5.305	ng		96
53) 3-Nitroaniline	14.381	138	9726	4.499	ng		91
55) Dibenzofuran	14.893	168	84783	4.976	ng		98
57) 2,4-Dinitrotoluene	14.846	165	10864	4.462	ng	#	91
58) Fluorene	15.539	166	68785	5.224	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	13887m	4.958	ng		
60) Diethylphthalate	15.321	149	64988	5.094	ng		93
61) 4-Chlorophenyl-phenyle...	15.539	204	34269	5.187	ng		95
62) 4-Nitroaniline	15.545	138	10851	4.471	ng		86
63) Azobenzene	15.833	77	73230	4.860	ng		98
66) n-Nitrosodiphenylamine	15.750	169	58698	5.099	ng		97
67) 4-Bromophenyl-phenylether	16.432	248	21373	5.171	ng		94
68) Hexachlorobenzene	16.544	284	25115	5.169	ng		99
69) Atrazine	16.696	200	20824	5.435	ng		95
71) Phenanthrene	17.278	178	113209	5.191	ng		99
72) Anthracene	17.366	178	103554	4.745	ng		98
73) Carbazole	17.630	167	99456	4.869	ng		98
74) Di-n-butylphthalate	18.212	149	103962	4.882	ng	#	98
75) Fluoranthene	19.287	202	130254	4.905	ng		97
78) Pyrene	19.646	202	152081	5.510	ng		98
80) Butylbenzylphthalate	20.556	149	38045	4.916	ng		95
81) Benzo(a)anthracene	21.450	228	150082	5.288	ng		99
82) 3,3'-Dichlorobenzidine	21.373	252	44338	5.016	ng		96
83) Chrysene	21.508	228	147662	5.228	ng		98
84) Bis(2-ethylhexyl)phtha...	21.397	149	65447	5.089	ng		98
87) Indeno(1,2,3-cd)pyrene	27.883	276	154691	5.224	ng		99
88) Benzo(b)fluoranthene	23.541	252	135905	5.028	ng	#	96
89) Benzo(k)fluoranthene	23.600	252	152112m	5.481	ng		
90) Benzo(a)pyrene	24.346	252	126262	5.234	ng		99
91) Dibenzo(a,h)anthracene	27.960	278	129004	5.159	ng		97
92) Benzo(g,h,i)perylene	28.947	276	125742	4.981	ng		98

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

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