Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
Data File : BG064015.D
Acq On : 6 Feb 2025 13:28
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 06 14:09:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.874	152	62786	20.000	ng		0.00
21) Naphthalene-d8	10.659	136	259165	20.000	ng		0.00
39) Acenaphthene-d10	14.495	164	172846	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	396729	20.000	ng		0.00
76) Chrysene-d12	21.470	240	428033	20.000	ng		0.00
86) Perylene-d12	24.495	264	453324	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.459	112	510807	130.441	ng		0.00
7) Phenol-d6	7.033	99	690004	128.396	ng		0.00
23) Nitrobenzene-d5	9.025	82	476234	111.679	ng		0.00
42) 2,4,6-Tribromophenol	15.982	330	254432	127.713	ng		0.00
45) 2-Fluorobiphenyl	13.126	172	1048186	92.913	ng		0.00
79) Terphenyl-d14	19.860	244	1860320	90.769	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	8911	4.791	ng		97
3) Pyridine	3.790	79	19598	3.902	ng		96
4) n-Nitrosodimethylamine	3.702	42	13360	4.627	ng	#	82
6) Aniline	7.198	93	26547	4.610	ng		100
8) 2-Chlorophenol	7.439	128	19442	4.872	ng		96
9) Benzaldehyde	7.016	77	19677	6.707	ng		95
10) Phenol	7.063	94	25885	4.576	ng		92
11) bis(2-Chloroethyl)ether	7.298	93	20593	4.521	ng		95
12) 1,3-Dichlorobenzene	7.768	146	22147	4.664	ng		94
13) 1,4-Dichlorobenzene	7.909	146	21607	4.506	ng		96
14) 1,2-Dichlorobenzene	8.226	146	21286	4.631	ng		96
15) Benzyl Alcohol	8.109	79	17608	4.384	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.397	45	44766	4.880	ng		98
17) 2-Methylphenol	8.308	107	15563	4.254	ng		91
18) Hexachloroethane	8.955	117	7685	4.869	ng	#	81
19) n-Nitroso-di-n-propyla...	8.673	70	15785	4.242	ng	#	95
20) 3+4-Methylphenols	8.632	107	21311	4.372	ng		94
22) Acetophenone	8.690	105	32031	4.498	ng	#	93
24) Nitrobenzene	9.066	77	24560	8.411	ng		97
25) Isophorone	9.589	82	43665	4.724	ng		96
26) 2-Nitrophenol	9.771	139	5612	9.901	ng	#	91
27) 2,4-Dimethylphenol	9.830	122	6523	2.453	ng	#	72
28) bis(2-Chloroethoxy)met...	10.071	93	25828	4.391	ng		97
29) 2,4-Dichlorophenol	10.306	162	14352	7.425	ng		96
30) 1,2,4-Trichlorobenzene	10.524	180	20086	4.598	ng		94
31) Naphthalene	10.712	128	61220	4.406	ng		96
32) Benzoic acid	9.901	122	2149m	7.123	ng		
33) 4-Chloroaniline	10.811	127	23069	4.333	ng		97
34) Hexachlorobutadiene	11.005	225	12822	4.609	ng		94
35) Caprolactam	11.546	113	5002	8.589	ng	#	82
36) 4-Chloro-3-methylphenol	11.928	107	19855	4.665	ng		97
37) 2-Methylnaphthalene	12.321	142	42552	4.395	ng		95
38) 1-Methylnaphthalene	12.539	142	40336	4.210	ng		96
40) 1,2,4,5-Tetrachloroben...	12.686	216	22294	4.374	ng		95
41) Hexachlorocyclopentadiene	12.674	237	4494	3.484	ng		96
43) 2,4,6-Trichlorophenol	12.921	196	10825	8.142	ng		90

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
Data File : BG064015.D
Acq On : 6 Feb 2025 13:28
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 06 14:09:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.991	196	13180	7.529	ng		91
46) 1,1'-Biphenyl	13.332	154	60392	4.589	ng		98
47) 2-Chloronaphthalene	13.367	162	44246	4.613	ng		97
48) 2-Nitroaniline	13.561	65	10178	8.668	ng		88
49) Acenaphthylene	14.213	152	67643	4.540	ng		95
50) Dimethylphthalate	13.949	163	50026	4.365	ng		99
51) 2,6-Dinitrotoluene	14.061	165	8328	8.400	ng	#	80
52) Acenaphthene	14.560	154	44262	4.429	ng		96
53) 3-Nitroaniline	14.384	138	9016	8.489	ng	#	86
54) 2,4-Dinitrophenol	14.595	184	1678	7.348	ng	#	72
55) Dibenzofuran	14.895	168	68837	4.242	ng		99
56) 4-Nitrophenol	14.689	139	7464	11.447	ng		96
57) 2,4-Dinitrotoluene	14.848	165	11014	8.938	ng	#	89
58) Fluorene	15.541	166	55521	4.427	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.112	232	12254	8.568	ng	#	97
60) Diethylphthalate	15.324	149	56294	4.633	ng		99
61) 4-Chlorophenyl-phenyle...	15.541	204	28414	4.515	ng		90
62) 4-Nitroaniline	15.547	138	9440	7.131	ng		95
63) Azobenzene	15.835	77	59834	4.169	ng		99
65) 4,6-Dinitro-2-methylph...	15.612	198	3317	7.815	ng		90
66) n-Nitrosodiphenylamine	15.753	169	46290	4.208	ng		97
67) 4-Bromophenyl-phenylether	16.434	248	17828	4.515	ng		95
68) Hexachlorobenzene	16.546	284	20765	4.473	ng		95
69) Atrazine	16.699	200	16873	4.609	ng		94
70) Pentachlorophenol	16.881	266	9515	11.486	ng	#	86
71) Phenanthrene	17.280	178	94854	4.552	ng		98
72) Anthracene	17.368	178	89836	4.309	ng		97
73) Carbazole	17.633	167	84700	4.340	ng		97
74) Di-n-butylphthalate	18.215	149	92920	4.567	ng		100
75) Fluoranthene	19.290	202	108725	4.285	ng		98
77) Benzidine	19.466	184	24179	2.653	ng	#	93
78) Pyrene	19.648	202	130885	4.953	ng		97
80) Butylbenzylphthalate	20.553	149	35366	8.945	ng		99
81) Benzo(a)anthracene	21.452	228	126694	4.662	ng		98
82) 3,3'-Dichlorobenzidine	21.375	252	38113	4.503	ng		99
83) Chrysene	21.511	228	122624	4.534	ng		98
84) Bis(2-ethylhexyl)phtha...	21.393	149	59599	8.121	ng		94
85) Di-n-octyl phthalate	22.545	149	94474	10.279	ng		98
87) Indeno(1,2,3-cd)pyrene	27.897	276	135159	4.622	ng		94
88) Benzo(b)fluoranthene	23.538	252	118717	4.447	ng		97
89) Benzo(k)fluoranthene	23.602	252	122043	4.453	ng		98
90) Benzo(a)pyrene	24.348	252	108911	4.571	ng		96
91) Dibenzo(a,h)anthracene	27.968	278	110275	4.466	ng	#	95
92) Benzo(g,h,i)perylene	28.955	276	109208m	4.381	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
Data File : BG064015.D
Acq On : 6 Feb 2025 13:28
Operator : RC/JU
Sample : Q1168-03
Misc : MDL-MDL-SOIL 4PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-SOIL-03-QT1-2025

Quant Time: Feb 06 14:09:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 04 02:51:00 2025
Response via : Initial Calibration