Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
Data File : BG063946.D
Acq On : 10 Jan 2025 11:29
Operator : RC/JU
Sample : P1187-08
Misc : LOQ-WATER-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

Quant Time: Jan 10 23:26:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 23:17:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.765	152	139947	20.000	ng		-0.03
21) Naphthalene-d8	10.556	136	551514	20.000	ng		-0.02
39) Acenaphthene-d10	14.416	164	384057	20.000	ng		-0.02
64) Phenanthrene-d10	17.171	188	926129	20.000	ng		-0.02
76) Chrysene-d12	21.425	240	937272	20.000	ng		-0.03
86) Perylene-d12	24.433	264	968219	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.356	112	954877	108.712	ng		-0.04
7) Phenol-d6	6.954	99	1341034	105.535	ng		-0.03
23) Nitrobenzene-d5	8.922	82	1013308	72.374	ng		-0.03
42) 2,4,6-Tribromophenol	15.920	330	445885	96.278	ng		-0.02
45) 2-Fluorobiphenyl	13.035	172	1954543	73.728	ng		-0.02
79) Terphenyl-d14	19.809	244	3182102	67.410	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	22399	4.851	ng		95
3) Pyridine	3.652	79	51348	4.128	ng		93
4) n-Nitrosodimethylamine	3.570	42	20798	4.374	ng	#	95
6) Aniline	7.095	93	60184	5.452	ng		98
8) 2-Chlorophenol	7.336	128	38748	4.537	ng		95
9) Benzaldehyde	6.907	77	46663	5.751	ng		99
10) Phenol	6.977	94	58165	4.396	ng		85
11) bis(2-Chloroethyl)ether	7.195	93	47898	4.618	ng		99
12) 1,3-Dichlorobenzene	7.653	146	45401m	4.411	ng		
13) 1,4-Dichlorobenzene	7.800	146	44960	4.370	ng		98
14) 1,2-Dichlorobenzene	8.117	146	47027	4.645	ng		95
15) Benzyl Alcohol	8.006	79	36112	3.961	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.282	45	67425	4.516	ng		94
17) 2-Methylphenol	8.217	107	34223	3.985	ng		86
18) Hexachloroethane	8.840	117	17352	4.348	ng		87
19) n-Nitroso-di-n-propyla...	8.564	70	36984	3.985	ng	#	95
20) 3+4-Methylphenols	8.552	107	49272	4.265	ng		94
22) Acetophenone	8.587	105	72471	4.376	ng		95
24) Nitrobenzene	8.963	77	65687	4.369	ng		98
25) Isophorone	9.486	82	102125	4.139	ng		97
26) 2-Nitrophenol	9.674	139	17308	3.628	ng	#	90
27) 2,4-Dimethylphenol	9.751	122	13158	2.163	ng		95
28) bis(2-Chloroethoxy)met...	9.974	93	61348	4.169	ng		97
29) 2,4-Dichlorophenol	10.227	162	37115	4.084	ng		91
30) 1,2,4-Trichlorobenzene	10.426	180	46656	4.244	ng	#	94
31) Naphthalene	10.608	128	133457	4.464	ng		99
32) Benzoic acid	10.068	122	3130m	0.769	ng		
33) 4-Chloroaniline	10.726	127	44633	4.598	ng		95
34) Hexachlorobutadiene	10.896	225	29285	3.886	ng		96
35) Caprolactam	11.466	113	12189m	4.061	ng		
36) 4-Chloro-3-methylphenol	11.866	107	39265	3.892	ng		96
37) 2-Methylnaphthalene	12.224	142	89215	4.247	ng		96
38) 1-Methylnaphthalene	12.447	142	83647	4.003	ng		100
40) 1,2,4,5-Tetrachloroben...	12.600	216	54973	4.266	ng		98
41) Hexachlorocyclopentadiene	12.541	237	59	11.460	ng	#	29
43) 2,4,6-Trichlorophenol	12.859	196	27899	3.676	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
Data File : BG063946.D
Acq On : 10 Jan 2025 11:29
Operator : RC/JU
Sample : P1187-08
Misc : LOQ-WATER-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

Quant Time: Jan 10 23:26:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 23:17:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.935	196	31780	3.731	ng		96
46) 1,1'-Biphenyl	13.247	154	133792	4.773	ng		99
47) 2-Chloronaphthalene	13.288	162	105315	4.570	ng		97
48) 2-Nitroaniline	13.499	65	28777	3.732	ng		87
49) Acenaphthylene	14.140	152	159041	4.658	ng		98
50) Dimethylphthalate	13.869	163	118226	4.215	ng	#	97
51) 2,6-Dinitrotoluene	13.993	165	22946	3.672	ng		95
52) Acenaphthene	14.480	154	93159	4.462	ng		94
53) 3-Nitroaniline	14.334	138	20762	3.622	ng		99
54) 2,4-Dinitrophenol	14.569	184	3472m	8.916	ng		
55) Dibenzofuran	14.815	168	160341	4.425	ng		97
56) 4-Nitrophenol	14.674	139	8804	2.240	ng	#	73
57) 2,4-Dinitrotoluene	14.798	165	29433	3.355	ng		95
58) Fluorene	15.473	166	124921	4.437	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.062	232	27053m	3.599	ng		
60) Diethylphthalate	15.238	149	112082	4.054	ng		96
61) 4-Chlorophenyl-phenyle...	15.462	204	67392	4.415	ng		97
62) 4-Nitroaniline	15.497	138	20599	3.457	ng		95
63) Azobenzene	15.755	77	148679	4.251	ng		98
65) 4,6-Dinitro-2-methylph...	15.573	198	12434	2.575	ng		98
66) n-Nitrosodiphenylamine	15.679	169	100478	4.166	ng		96
67) 4-Bromophenyl-phenylether	16.361	248	42028	4.105	ng		97
68) Hexachlorobenzene	16.484	284	47880	4.096	ng		97
69) Atrazine	16.637	200	38590	4.991	ng		94
70) Pentachlorophenol	16.842	266	10134m	2.090	ng		
71) Phenanthrene	17.218	178	221787	4.604	ng		98
72) Anthracene	17.306	178	196329	4.187	ng		95
73) Carbazole	17.583	167	186313	4.302	ng		97
74) Di-n-butylphthalate	18.141	149	185424	3.843	ng		97
75) Fluoranthene	19.240	202	262810	4.323	ng		99
77) Benzidine	19.428	184	28830	2.198	ng	#	88
78) Pyrene	19.604	202	281392	4.377	ng		97
80) Butylbenzylphthalate	20.503	149	65489	3.302	ng		97
81) Benzo(a)anthracene	21.413	228	277132	4.420	ng		97
82) 3,3'-Dichlorobenzidine	21.331	252	67845	3.483	ng		87
83) Chrysene	21.472	228	272493	4.476	ng		98
84) Bis(2-ethylhexyl)phtha...	21.325	149	105610	3.482	ng		99
85) Di-n-octyl phthalate	22.453	149	177231	3.354	ng		96
87) Indeno(1,2,3-cd)pyrene	27.824	276	281487m	4.186	ng		
88) Benzo(b)fluoranthene	23.482	252	252024	4.164	ng		99
89) Benzo(k)fluoranthene	23.540	252	276236m	4.548	ng		
90) Benzo(a)pyrene	24.287	252	242208	4.505	ng		98
91) Dibenzo(a,h)anthracene	27.865	278	233846m	4.203	ng		
92) Benzo(g,h,i)perylene	28.875	276	226790m	3.962	ng		

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
Data File : BG063946.D
Acq On : 10 Jan 2025 11:29
Operator : RC/JU
Sample : P1187-08
Misc : LOQ-WATER-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2024

Quant Time: Jan 10 23:26:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 23:17:54 2025
Response via : Initial Calibration