Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
Data File : BG063989.D
Acq On : 4 Feb 2025 12:17
Operator : RC/JU
Sample : P1187-08
Misc : LOQ-WATER-10PPM
ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 04 12:52:55 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	7.872	152	64415	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	287151	20.000	ng		0.00
39) Acenaphthene-d10	14.493	164	188261	20.000	ng		0.00
64) Phenanthrene-d10	17.237	188	425854	20.000	ng		0.00
76) Chrysene-d12	21.468	240	445979	20.000	ng		0.00
86) Perylene-d12	24.499	264	462221	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	457078	113.769	ng		0.00
7) Phenol-d6	7.032	99	632210	114.667	ng		0.00
23) Nitrobenzene-d5	9.023	82	401250	84.924	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	223347	105.900	ng		0.00
45) 2-Fluorobiphenyl	13.124	172	968441	78.815	ng		0.00
79) Terphenyl-d14	19.864	244	1641047	76.848	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.389	88	18470	9.680	ng		99
3) Pyridine	3.782	79	43815	8.504	ng		96
4) n-Nitrosodimethylamine	3.694	42	27327	9.224	ng	#	98
6) Aniline	7.196	93	61376	10.388	ng	#	94
8) 2-Chlorophenol	7.437	128	43636	10.659	ng		99
9) Benzaldehyde	7.014	77	40859	13.575	ng		96
10) Phenol	7.055	94	57857	9.969	ng		96
11) bis(2-Chloroethyl)ether	7.296	93	45550	9.747	ng		99
12) 1,3-Dichlorobenzene	7.760	146	48216	9.898	ng		95
13) 1,4-Dichlorobenzene	7.907	146	49327	10.026	ng		96
14) 1,2-Dichlorobenzene	8.224	146	45723	9.696	ng		94
15) Benzyl Alcohol	8.101	79	40621	9.857	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.395	45	95874	10.188	ng		99
17) 2-Methylphenol	8.307	107	35724	9.517	ng		92
18) Hexachloroethane	8.947	117	17051	10.531	ng		94
19) n-Nitroso-di-n-propyla...	8.671	70	37847	9.913	ng	#	94
20) 3+4-Methylphenols	8.630	107	48087	9.616	ng		91
22) Acetophenone	8.683	105	77885	9.872	ng		97
24) Nitrobenzene	9.059	77	53098	12.773	ng		99
25) Isophorone	9.587	82	102118	9.970	ng		98
26) 2-Nitrophenol	9.775	139	10012	14.940	ng	#	89
27) 2,4-Dimethylphenol	9.828	122	22164	7.523	ng		94
28) bis(2-Chloroethoxy)met...	10.069	93	61788	9.481	ng		100
29) 2,4-Dichlorophenol	10.304	162	34247	11.516	ng		94
30) 1,2,4-Trichlorobenzene	10.527	180	46536	9.614	ng		98
31) Naphthalene	10.710	128	146971	9.547	ng		99
32) Benzoic acid	9.911	122	14875m	15.548	ng		
33) 4-Chloroaniline	10.809	127	54077	9.168	ng		96
34) Hexachlorobutadiene	11.003	225	29076	9.433	ng		94
35) Caprolactam	11.550	113	12647	12.782	ng		94
36) 4-Chloro-3-methylphenol	11.932	107	42424	8.996	ng		98
37) 2-Methylnaphthalene	12.319	142	97895	9.125	ng		99
38) 1-Methylnaphthalene	12.537	142	93362	8.795	ng		94
40) 1,2,4,5-Tetrachloroben...	12.684	216	54822	9.875	ng		99
41) Hexachlorocyclopentadiene	12.672	237	15464	11.006	ng		86
43) 2,4,6-Trichlorophenol	12.925	196	26210	12.109	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	29227	11.248	ng		96
46) 1,1'-Biphenyl	13.330	154	138629	9.672	ng		99
47) 2-Chloronaphthalene	13.371	162	99052	9.481	ng		97
48) 2-Nitroaniline	13.565	65	22472	12.992	ng		88
49) Acenaphthylene	14.217	152	158853	9.789	ng		98
50) Dimethylphthalate	13.953	163	121471	9.731	ng		98
51) 2,6-Dinitrotoluene	14.065	165	17470	12.030	ng		94
52) Acenaphthene	14.558	154	102665	9.432	ng		98
53) 3-Nitroaniline	14.388	138	22724	12.634	ng		91
54) 2,4-Dinitrophenol	14.593	184	5214	15.695	ng	#	88
55) Dibenzofuran	14.893	168	162502	9.194	ng		99
56) 4-Nitrophenol	14.687	139	18756	15.384	ng		96
57) 2,4-Dinitrotoluene	14.846	165	22884	12.569	ng		90
58) Fluorene	15.545	166	128966	9.440	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.116	232	27377	12.098	ng	#	96
60) Diethylphthalate	15.322	149	129002	9.748	ng		100
61) 4-Chlorophenyl-phenyle...	15.545	204	65943	9.621	ng		94
62) 4-Nitroaniline	15.545	138	24418	11.526	ng		93
63) Azobenzene	15.833	77	142544	9.119	ng		98
65) 4,6-Dinitro-2-methylph...	15.610	198	8618	14.982	ng		99
66) n-Nitrosodiphenylamine	15.751	169	111042	9.405	ng		96
67) 4-Bromophenyl-phenylether	16.438	248	40198	9.484	ng		99
68) Hexachlorobenzene	16.544	284	47690	9.570	ng		94
69) Atrazine	16.703	200	40609	10.335	ng		97
70) Pentachlorophenol	16.885	266	24622	15.431	ng		96
71) Phenanthrene	17.278	178	215634	9.641	ng		99
72) Anthracene	17.367	178	203148	9.077	ng		99
73) Carbazole	17.637	167	195027	9.309	ng		96
74) Di-n-butylphthalate	18.218	149	209306	9.584	ng		99
75) Fluoranthene	19.288	202	249558	9.163	ng		99
77) Benzidine	19.470	184	111982	11.792	ng		98
78) Pyrene	19.646	202	273296	9.926	ng		97
80) Butylbenzylphthalate	20.557	149	77109	12.648	ng		95
81) Benzo(a)anthracene	21.450	228	281239	9.932	ng		99
82) 3,3'-Dichlorobenzidine	21.374	252	89617	10.163	ng		96
83) Chrysene	21.515	228	268999	9.546	ng		99
84) Bis(2-ethylhexyl)phtha...	21.397	149	128565	12.031	ng		96
85) Di-n-octyl phthalate	22.555	149	203197	13.830	ng		98
87) Indeno(1,2,3-cd)pyrene	27.895	276	290664	9.747	ng		99
88) Benzo(b)fluoranthene	23.542	252	251921	9.256	ng		99
89) Benzo(k)fluoranthene	23.606	252	265456	9.498	ng		98
90) Benzo(a)pyrene	24.352	252	239315	9.851	ng		99
91) Dibenzo(a,h)anthracene	27.966	278	239668	9.518	ng		98
92) Benzo(g,h,i)perylene	28.959	276	230003	9.048	ng		97

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

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