Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
Data File : BG063991.D
Acq On : 4 Feb 2025 15:10
Operator : RC/JU
Sample : P1187-08
Misc : LOQ-WATER-10PPM
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 04 16:26:35 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	7.876	152	61383	20.000	ng		0.00
21) Naphthalene-d8	10.661	136	268645	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	175268	20.000	ng		0.00
64) Phenanthrene-d10	17.236	188	392214	20.000	ng		0.00
76) Chrysene-d12	21.466	240	426077	20.000	ng		0.00
86) Perylene-d12	24.498	264	440598	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.461	112	296708	77.500	ng		0.00
7) Phenol-d6	7.030	99	399067	75.956	ng		0.00
23) Nitrobenzene-d5	9.022	82	245371	55.510	ng		0.00
42) 2,4,6-Tribromophenol	15.978	330	140136	76.362	ng		0.00
45) 2-Fluorobiphenyl	13.123	172	615053	53.766	ng		0.00
79) Terphenyl-d14	19.862	244	1061925	52.051	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	11535	6.344	ng		97
3) Pyridine	3.787	79	27270	5.554	ng		97
4) n-Nitrosodimethylamine	3.699	42	18724	6.632	ng	#	93
6) Aniline	7.200	93	38947	6.917	ng		100
8) 2-Chlorophenol	7.436	128	28723	7.363	ng		94
9) Benzaldehyde	7.012	77	27855	9.712	ng		96
10) Phenol	7.059	94	36963	6.683	ng		95
11) bis(2-Chloroethyl)ether	7.300	93	29736	6.677	ng		89
12) 1,3-Dichlorobenzene	7.765	146	30515	6.573	ng		96
13) 1,4-Dichlorobenzene	7.911	146	31030	6.619	ng		97
14) 1,2-Dichlorobenzene	8.223	146	29512	6.568	ng		95
15) Benzyl Alcohol	8.105	79	25195	6.416	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.393	45	60080	6.700	ng		98
17) 2-Methylphenol	8.305	107	20789	5.812	ng	#	83
18) Hexachloroethane	8.951	117	10822	7.014	ng		87
19) n-Nitroso-di-n-propyla...	8.675	70	23845	6.554	ng		98
20) 3+4-Methylphenols	8.634	107	30533	6.407	ng		93
22) Acetophenone	8.687	105	47000	6.368	ng	#	96
24) Nitrobenzene	9.063	77	32262	9.636	ng		96
25) Isophorone	9.586	82	63332	6.609	ng		97
26) 2-Nitrophenol	9.774	139	6803	11.447	ng		96
27) 2,4-Dimethylphenol	9.833	122	13016	4.722	ng		89
28) bis(2-Chloroethoxy)met...	10.074	93	37273	6.113	ng	#	97
29) 2,4-Dichlorophenol	10.303	162	21432	8.988	ng		92
30) 1,2,4-Trichlorobenzene	10.526	180	29741	6.568	ng		94
31) Naphthalene	10.708	128	90875	6.309	ng		98
32) Benzoic acid	9.897	122	7735m	11.371	ng		
33) 4-Chloroaniline	10.814	127	33734	6.113	ng		94
34) Hexachlorobutadiene	11.008	225	18528	6.425	ng		97
35) Caprolactam	11.542	113	7281	9.911	ng		94
36) 4-Chloro-3-methylphenol	11.936	107	26355	5.973	ng		91
37) 2-Methylnaphthalene	12.318	142	62925	6.269	ng		99
38) 1-Methylnaphthalene	12.541	142	58583	5.899	ng		99
40) 1,2,4,5-Tetrachloroben...	12.688	216	34238	6.624	ng		100
41) Hexachlorocyclopentadiene	12.676	237	9940	7.599	ng		83
43) 2,4,6-Trichlorophenol	12.923	196	15244m	9.403	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.994	196	19399	9.150	ng		92
46) 1,1'-Biphenyl	13.334	154	86800	6.505	ng		98
47) 2-Chloronaphthalene	13.370	162	62185	6.394	ng		96
48) 2-Nitroaniline	13.564	65	12498	9.574	ng		86
49) Acenaphthylene	14.216	152	98704	6.533	ng		97
50) Dimethylphthalate	13.951	163	75914	6.532	ng		99
51) 2,6-Dinitrotoluene	14.063	165	10480	9.355	ng		92
52) Acenaphthene	14.557	154	64762	6.391	ng		99
53) 3-Nitroaniline	14.392	138	12279	9.571	ng	#	92
54) 2,4-Dinitrophenol	14.592	184	2971	11.012	ng	#	70
55) Dibenzofuran	14.897	168	103518	6.291	ng		97
56) 4-Nitrophenol	14.686	139	10900	12.773	ng		91
57) 2,4-Dinitrotoluene	14.850	165	12773	9.522	ng	#	95
58) Fluorene	15.544	166	79227	6.229	ng		93
59) 2,3,4,6-Tetrachlorophenol	15.115	232	15727	9.460	ng		95
60) Diethylphthalate	15.320	149	78272	6.353	ng		99
61) 4-Chlorophenyl-phenyle...	15.544	204	41424	6.492	ng		95
62) 4-Nitroaniline	15.544	138	13408	8.412	ng		95
63) Azobenzene	15.832	77	86935	5.974	ng		98
65) 4,6-Dinitro-2-methylph...	15.608	198	5388	11.305	ng		94
66) n-Nitrosodiphenylamine	15.749	169	67544	6.211	ng		95
67) 4-Bromophenyl-phenylether	16.437	248	25317	6.485	ng		97
68) Hexachlorobenzene	16.542	284	29877	6.510	ng		96
69) Atrazine	16.701	200	25062	6.925	ng		97
70) Pentachlorophenol	16.883	266	14127m	12.889	ng		
71) Phenanthrene	17.277	178	134493	6.529	ng		96
72) Anthracene	17.371	178	128242	6.221	ng		99
73) Carbazole	17.629	167	120501	6.245	ng		96
74) Di-n-butylphthalate	18.217	149	128636	6.395	ng		100
75) Fluoranthene	19.286	202	152819	6.092	ng		98
77) Benzidine	19.468	184	69345	7.643	ng	#	96
78) Pyrene	19.645	202	165873	6.306	ng		100
80) Butylbenzylphthalate	20.555	149	47675	10.146	ng		99
81) Benzo(a)anthracene	21.448	228	178343	6.593	ng		99
82) 3,3'-Dichlorobenzidine	21.372	252	57989	6.883	ng		98
83) Chrysene	21.513	228	171981	6.388	ng		99
84) Bis(2-ethylhexyl)phtha...	21.396	149	84418	9.666	ng	#	100
85) Di-n-octyl phthalate	22.547	149	137743	11.829	ng		97
87) Indeno(1,2,3-cd)pyrene	27.888	276	191736	6.745	ng	#	91
88) Benzo(b)fluoranthene	23.540	252	163445	6.300	ng		96
89) Benzo(k)fluoranthene	23.599	252	172919	6.491	ng		98
90) Benzo(a)pyrene	24.351	252	152516	6.586	ng		98
91) Dibenzo(a,h)anthracene	27.964	278	155714	6.488	ng		95
92) Benzo(g,h,i)perylene	28.946	276	154788	6.388	ng	#	92

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

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