Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020625\
Data File : BG064013.D
Acq On : 6 Feb 2025 12:13
Operator : RC/JU
Sample : P1187-09
Misc : MDL-MDL-WATER 4PPM
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2024

Quant Time: Feb 06 12:49:50 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	59581	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	260304	20.000	ng		0.00
39) Acenaphthene-d10	14.494	164	170943	20.000	ng		0.00
64) Phenanthrene-d10	17.238	188	384955	20.000	ng		0.00
76) Chrysene-d12	21.474	240	419839	20.000	ng		0.00
86) Perylene-d12	24.506	264	446462	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	492895	132.637	ng		0.00
7) Phenol-d6	7.038	99	674759	132.314	ng		0.00
23) Nitrobenzene-d5	9.024	82	457230	106.753	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	246149	125.264	ng		0.00
45) 2-Fluorobiphenyl	13.125	172	1038370	93.068	ng		0.00
79) Terphenyl-d14	19.864	244	1805410	89.809	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.395	88	10731	6.080	ng	#	85
3) Pyridine	3.783	79	19470	4.086	ng	#	91
4) n-Nitrosodimethylamine	3.695	42	13265m	4.841	ng		
6) Aniline	7.202	93	25485	4.663	ng		94
8) 2-Chlorophenol	7.437	128	18841	4.976	ng		92
9) Benzaldehyde	7.014	77	19700	7.076	ng		94
10) Phenol	7.061	94	24291	4.525	ng		91
11) bis(2-Chloroethyl)ether	7.302	93	19491	4.509	ng		88
12) 1,3-Dichlorobenzene	7.766	146	20713	4.597	ng		91
13) 1,4-Dichlorobenzene	7.907	146	20654	4.539	ng		95
14) 1,2-Dichlorobenzene	8.225	146	20464	4.692	ng		98
15) Benzyl Alcohol	8.101	79	16647	4.367	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.395	45	42884	4.927	ng		98
17) 2-Methylphenol	8.307	107	14400	4.148	ng		90
18) Hexachloroethane	8.953	117	7032	4.695	ng		92
19) n-Nitroso-di-n-propyla...	8.671	70	16105	4.560	ng		99
20) 3+4-Methylphenols	8.630	107	19598	4.237	ng		92
22) Acetophenone	8.689	105	31388	4.389	ng	#	97
24) Nitrobenzene	9.059	77	24879	8.450	ng		90
25) Isophorone	9.582	82	40712	4.385	ng		96
26) 2-Nitrophenol	9.770	139	5176	9.098	ng		95
27) 2,4-Dimethylphenol	9.829	122	7035	2.634	ng		83
28) bis(2-Chloroethoxy)met...	10.069	93	24002	4.063	ng		98
29) 2,4-Dichlorophenol	10.305	162	13544	7.211	ng		89
30) 1,2,4-Trichlorobenzene	10.522	180	20053	4.570	ng		99
31) Naphthalene	10.710	128	62084	4.449	ng		100
32) Benzoic acid	9.911	122	2303m	7.247	ng		
33) 4-Chloroaniline	10.810	127	22487	4.205	ng		94
34) Hexachlorobutadiene	11.004	225	12612	4.513	ng		97
35) Caprolactam	11.544	113	4648	8.345	ng		94
36) 4-Chloro-3-methylphenol	11.932	107	19282	4.510	ng		96
37) 2-Methylnaphthalene	12.320	142	42331	4.353	ng		94
38) 1-Methylnaphthalene	12.537	142	38483	3.999	ng	#	100
40) 1,2,4,5-Tetrachloroben...	12.684	216	23066	4.576	ng		99
41) Hexachlorocyclopentadiene	12.672	237	4446	3.485	ng		93
43) 2,4,6-Trichlorophenol	12.925	196	10305	8.020	ng		88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.995	196	12259	7.315	ng	#	88
46) 1,1'-Biphenyl	13.330	154	60653	4.660	ng		97
47) 2-Chloronaphthalene	13.371	162	42559	4.486	ng		97
48) 2-Nitroaniline	13.560	65	9878	8.587	ng		90
49) Acenaphthylene	14.218	152	66500	4.513	ng		98
50) Dimethylphthalate	13.953	163	51504	4.544	ng	#	99
51) 2,6-Dinitrotoluene	14.065	165	7343	7.967	ng		100
52) Acenaphthene	14.558	154	44314	4.484	ng		99
53) 3-Nitroaniline	14.382	138	8256	8.255	ng		94
54) 2,4-Dinitrophenol	14.594	184	1392	6.481	ng		94
55) Dibenzofuran	14.893	168	69090	4.305	ng		98
56) 4-Nitrophenol	14.688	139	6798	11.209	ng		93
57) 2,4-Dinitrotoluene	14.846	165	9992	8.601	ng	#	83
58) Fluorene	15.540	166	53955	4.350	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.117	232	11787	8.476	ng	#	96
60) Diethylphthalate	15.322	149	52248	4.348	ng		98
61) 4-Chlorophenyl-phenyle...	15.540	204	28090	4.513	ng		99
62) 4-Nitroaniline	15.545	138	8935	6.993	ng		91
63) Azobenzene	15.833	77	56336	3.969	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	2764	6.973	ng		86
66) n-Nitrosodiphenylamine	15.751	169	43948	4.118	ng		93
67) 4-Bromophenyl-phenylether	16.433	248	17814	4.649	ng		99
68) Hexachlorobenzene	16.544	284	20548	4.561	ng		93
69) Atrazine	16.697	200	17809	5.014	ng		92
70) Pentachlorophenol	16.885	266	8668	11.315	ng		98
71) Phenanthrene	17.279	178	92358	4.568	ng		95
72) Anthracene	17.367	178	84270	4.165	ng		99
73) Carbazole	17.631	167	81766	4.317	ng		98
74) Di-n-butylphthalate	18.213	149	87288	4.422	ng		99
75) Fluoranthene	19.288	202	107116	4.351	ng		99
77) Benzidine	19.470	184	26019m	2.910	ng		
78) Pyrene	19.652	202	126237	4.870	ng		98
80) Butylbenzylphthalate	20.557	149	32614	8.743	ng		95
81) Benzo(a)anthracene	21.450	228	121312	4.551	ng		98
82) 3,3'-Dichlorobenzidine	21.374	252	36865	4.441	ng		93
83) Chrysene	21.515	228	123500	4.656	ng		99
84) Bis(2-ethylhexyl)phtha...	21.397	149	55892	7.961	ng		99
85) Di-n-octyl phthalate	22.549	149	90493	10.200	ng		98
87) Indeno(1,2,3-cd)pyrene	27.907	276	132252	4.592	ng	#	78
88) Benzo(b)fluoranthene	23.542	252	113003	4.298	ng		97
89) Benzo(k)fluoranthene	23.607	252	114445	4.240	ng		98
90) Benzo(a)pyrene	24.359	252	106052	4.519	ng		96
91) Dibenzo(a,h)anthracene	27.966	278	106478	4.378	ng	#	96
92) Benzo(g,h,i)perylene	28.959	276	104289	4.248	ng		99

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

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