Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020425\
Data File : BG063993.D
Acq On : 4 Feb 2025 17:01
Operator : RC/JU
Sample : P1187-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

Quant Time: Feb 05 01:10:46 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	7.875	152	68605	20.000	ng		0.00
21) Naphthalene-d8	10.660	136	307056	20.000	ng		0.00
39) Acenaphthene-d10	14.497	164	206395	20.000	ng		0.00
64) Phenanthrene-d10	17.235	188	462356	20.000	ng		0.00
76) Chrysene-d12	21.471	240	480613	20.000	ng		0.00
86) Perylene-d12	24.497	264	508136	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.460	112	538570	125.865	ng		0.00
7) Phenol-d6	7.035	99	797072	135.739	ng		0.00
23) Nitrobenzene-d5	9.027	82	527391	104.386	ng		0.00
42) 2,4,6-Tribromophenol	15.983	330	305293	128.259	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	1249513	92.756	ng		0.00
79) Terphenyl-d14	19.861	244	2086636	90.673	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	16816	8.275	ng		94
3) Pyridine	3.786	79	44202	8.055	ng		97
4) n-Nitrosodimethylamine	3.704	42	28040	8.887	ng	#	90
6) Aniline	7.200	93	61733	9.810	ng		98
8) 2-Chlorophenol	7.435	128	43181	9.904	ng		98
9) Benzaldehyde	7.017	77	41330	12.893	ng		93
10) Phenol	7.059	94	58206	9.417	ng		93
11) bis(2-Chloroethyl)ether	7.299	93	44757	8.992	ng		98
12) 1,3-Dichlorobenzene	7.764	146	46385	8.940	ng		96
13) 1,4-Dichlorobenzene	7.911	146	45336	8.652	ng		96
14) 1,2-Dichlorobenzene	8.228	146	43785	8.718	ng		93
15) Benzyl Alcohol	8.104	79	41509	9.457	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	98018	9.779	ng		99
17) 2-Methylphenol	8.304	107	36048	9.017	ng		96
18) Hexachloroethane	8.956	117	16005	9.281	ng		95
19) n-Nitroso-di-n-propyla...	8.674	70	40390	9.932	ng		99
20) 3+4-Methylphenols	8.633	107	49920	9.373	ng		98
22) Acetophenone	8.686	105	76920	9.117	ng		99
24) Nitrobenzene	9.062	77	54361	12.392	ng		95
25) Isophorone	9.585	82	104793	9.568	ng		99
26) 2-Nitrophenol	9.773	139	12231	16.545	ng		94
27) 2,4-Dimethylphenol	9.832	122	23972	7.609	ng		97
28) bis(2-Chloroethoxy)met...	10.073	93	62468	8.964	ng		98
29) 2,4-Dichlorophenol	10.302	162	36686	11.530	ng		95
30) 1,2,4-Trichlorobenzene	10.525	180	46791	9.040	ng		98
31) Naphthalene	10.713	128	144499	8.778	ng		100
32) Benzoic acid	9.902	122	11702m	13.125	ng		
33) 4-Chloroaniline	10.813	127	57356	9.093	ng		98
34) Hexachlorobutadiene	11.007	225	28491	8.644	ng		96
35) Caprolactam	11.559	113	12213	12.059	ng	#	84
36) 4-Chloro-3-methylphenol	11.935	107	44784	8.881	ng		93
37) 2-Methylnaphthalene	12.317	142	102558	8.940	ng		98
38) 1-Methylnaphthalene	12.540	142	94808	8.352	ng		100
40) 1,2,4,5-Tetrachloroben...	12.687	216	57386	9.428	ng		99
41) Hexachlorocyclopentadiene	12.676	237	13250	8.601	ng		98
43) 2,4,6-Trichlorophenol	12.922	196	27973	11.918	ng		90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.987	196	33694	11.625	ng		95
46) 1,1'-Biphenyl	13.334	154	147289	9.373	ng		100
47) 2-Chloronaphthalene	13.369	162	105187	9.184	ng		98
48) 2-Nitroaniline	13.563	65	25058	13.134	ng		94
49) Acenaphthylene	14.215	152	166190	9.341	ng		97
50) Dimethylphthalate	13.956	163	127069	9.285	ng		100
51) 2,6-Dinitrotoluene	14.062	165	18591	11.811	ng		91
52) Acenaphthene	14.556	154	107135	8.978	ng		95
53) 3-Nitroaniline	14.385	138	22475	11.919	ng		96
54) 2,4-Dinitrophenol	14.591	184	3854	11.814	ng		89
55) Dibenzofuran	14.896	168	168935	8.718	ng		99
56) 4-Nitrophenol	14.691	139	16717	14.085	ng		96
57) 2,4-Dinitrotoluene	14.849	165	25081	12.567	ng	#	94
58) Fluorene	15.543	166	134003	8.947	ng	#	98
59) 2,3,4,6-Tetrachlorophenol	15.114	232	29877	12.066	ng		99
60) Diethylphthalate	15.320	149	132521	9.134	ng		99
61) 4-Chlorophenyl-phenyle...	15.543	204	68293	9.088	ng		98
62) 4-Nitroaniline	15.543	138	23946	10.725	ng		97
63) Azobenzene	15.831	77	144122	8.410	ng		97
65) 4,6-Dinitro-2-methylph...	15.607	198	7434	12.687	ng		91
66) n-Nitrosodiphenylamine	15.754	169	114842	8.959	ng		97
67) 4-Bromophenyl-phenylether	16.436	248	42192	9.168	ng		97
68) Hexachlorobenzene	16.547	284	49103	9.076	ng		97
69) Atrazine	16.700	200	40882	9.583	ng		97
70) Pentachlorophenol	16.882	266	21402	14.087	ng		96
71) Phenanthrene	17.276	178	223113	9.188	ng		99
72) Anthracene	17.370	178	214014	8.808	ng		99
73) Carbazole	17.634	167	198297	8.718	ng		97
74) Di-n-butylphthalate	18.216	149	221511	9.342	ng		100
75) Fluoranthene	19.285	202	252834	8.550	ng		98
77) Benzidine	19.468	184	88434	8.641	ng		98
78) Pyrene	19.650	202	282558	9.523	ng		99
80) Butylbenzylphthalate	20.555	149	84674	12.783	ng		98
81) Benzo(a)anthracene	21.448	228	286520	9.390	ng		99
82) 3,3'-Dichlorobenzidine	21.371	252	92195	9.702	ng		97
83) Chrysene	21.512	228	279117	9.191	ng		98
84) Bis(2-ethylhexyl)phtha...	21.395	149	144290	12.345	ng		98
85) Di-n-octyl phthalate	22.552	149	231589	14.227	ng		98
87) Indeno(1,2,3-cd)pyrene	27.899	276	305054	9.306	ng	#	88
88) Benzo(b)fluoranthene	23.539	252	261513	8.740	ng		98
89) Benzo(k)fluoranthene	23.604	252	275833	8.978	ng		97
90) Benzo(a)pyrene	24.350	252	247711	9.275	ng		99
91) Dibenzo(a,h)anthracene	27.964	278	248502	8.978	ng		99
92) Benzo(g,h,i)perylene	28.956	276	242447	8.676	ng		97

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

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