Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
Data File : BG063950.D
Acq On : 10 Jan 2025 14:44
Operator : RC/JU
Sample : P1187-07
Misc : LOD-MDL-WATER-4PPM
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 10 15:18:49 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	7.768	152	113519	20.000	ng		-0.03
21) Naphthalene-d8	10.553	136	419342	20.000	ng		-0.03
39) Acenaphthene-d10	14.413	164	296300	20.000	ng		-0.03
64) Phenanthrene-d10	17.169	188	687167	20.000	ng		-0.03
76) Chrysene-d12	21.429	240	628228	20.000	ng		-0.03
86) Perylene-d12	24.437	264	706928	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.359	112	812820	114.082	ng		-0.03
7) Phenol-d6	6.957	99	1144770	111.063	ng		-0.03
23) Nitrobenzene-d5	8.926	82	849574	79.805	ng		-0.03
42) 2,4,6-Tribromophenol	15.917	330	368214	103.055	ng		-0.02
45) 2-Fluorobiphenyl	13.032	172	1633614	79.873	ng		-0.02
79) Terphenyl-d14	19.807	244	2751009	86.946	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.256	88	16021	4.277	ng		94
3) Pyridine	3.655	79	33143	3.285	ng	#	89
4) n-Nitrosodimethylamine	3.573	42	15030m	3.897	ng		
6) Aniline	7.098	93	42104	4.703	ng	#	95
8) 2-Chlorophenol	7.339	128	27148	3.919	ng		97
9) Benzaldehyde	6.910	77	33522	5.093	ng		95
10) Phenol	6.981	94	40870	3.808	ng		90
11) bis(2-Chloroethyl)ether	7.198	93	31793	3.779	ng		94
12) 1,3-Dichlorobenzene	7.656	146	31207	3.738	ng		98
13) 1,4-Dichlorobenzene	7.803	146	34133	4.090	ng		96
14) 1,2-Dichlorobenzene	8.121	146	32351m	3.939	ng		
15) Benzyl Alcohol	8.009	79	23268	3.146	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.285	45	47657	3.935	ng		95
17) 2-Methylphenol	8.220	107	23283	3.342	ng		90
18) Hexachloroethane	8.837	117	10917	3.373	ng		97
19) n-Nitroso-di-n-propyla...	8.573	70	25297	3.361	ng	#	87
20) 3+4-Methylphenols	8.561	107	30186	3.222	ng		94
22) Acetophenone	8.591	105	47320	3.758	ng	#	95
24) Nitrobenzene	8.961	77	46132	4.036	ng		95
25) Isophorone	9.484	82	67195	3.581	ng		95
26) 2-Nitrophenol	9.683	139	10984	3.028	ng		92
27) 2,4-Dimethylphenol	9.748	122	12534	2.710	ng		91
28) bis(2-Chloroethoxy)met...	9.971	93	40356	3.607	ng		97
29) 2,4-Dichlorophenol	10.230	162	25347	3.668	ng		91
30) 1,2,4-Trichlorobenzene	10.424	180	33251	3.978	ng		92
31) Naphthalene	10.606	128	89204	3.924	ng		100
33) 4-Chloroaniline	10.723	127	27040	3.664	ng	#	89
34) Hexachlorobutadiene	10.894	225	19794	3.455	ng		93
35) Caprolactam	11.475	113	7565m	3.315	ng		
36) 4-Chloro-3-methylphenol	11.875	107	24459	3.189	ng		93
37) 2-Methylnaphthalene	12.222	142	60248	3.772	ng		96
38) 1-Methylnaphthalene	12.445	142	56789	3.575	ng		97
40) 1,2,4,5-Tetrachloroben...	12.598	216	37936	3.816	ng		95
43) 2,4,6-Trichlorophenol	12.850	196	19890m	3.397	ng		
44) 2,4,5-Trichlorophenol	12.938	196	19111	2.908	ng	#	92
46) 1,1'-Biphenyl	13.244	154	92107	4.259	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.285	162	66621	3.747	ng		98
48) 2-Nitroaniline	13.503	65	17680	2.972	ng		91
49) Acenaphthylene	14.137	152	108381	4.114	ng		94
50) Dimethylphthalate	13.873	163	79076	3.654	ng		99
51) 2,6-Dinitrotoluene	14.002	165	14853	3.081	ng	#	79
52) Acenaphthene	14.478	154	61527	3.820	ng		98
53) 3-Nitroaniline	14.331	138	13437	3.038	ng	#	93
55) Dibenzofuran	14.819	168	112590	4.027	ng		96
56) 4-Nitrophenol	14.695	139	5575	1.838	ng	#	80
57) 2,4-Dinitrotoluene	14.801	165	19172	2.833	ng	#	92
58) Fluorene	15.471	166	82835	3.813	ng		91
59) 2,3,4,6-Tetrachlorophenol	15.060	232	19979m	3.445	ng		
60) Diethylphthalate	15.242	149	75497	3.539	ng		95
61) 4-Chlorophenyl-phenyle...	15.465	204	42643	3.621	ng		94
62) 4-Nitroaniline	15.500	138	10773	2.343	ng	#	84
63) Azobenzene	15.759	77	97968	3.630	ng		95
65) 4,6-Dinitro-2-methylph...	15.577	198	4772	1.332	ng		93
66) n-Nitrosodiphenylamine	15.682	169	68903	3.850	ng		96
67) 4-Bromophenyl-phenylether	16.358	248	28919	3.807	ng		92
68) Hexachlorobenzene	16.481	284	32342	3.729	ng	#	92
69) Atrazine	16.634	200	24879	4.337	ng		92
70) Pentachlorophenol	16.857	266	6306m	1.753	ng		
71) Phenanthrene	17.216	178	147637	4.130	ng		97
72) Anthracene	17.304	178	140320	4.033	ng		99
73) Carbazole	17.586	167	118893	3.700	ng		97
74) Di-n-butylphthalate	18.144	149	126655	3.537	ng		98
75) Fluoranthene	19.243	202	173426	3.845	ng		98
77) Benzidine	19.431	184	29329m	3.337	ng		
78) Pyrene	19.607	202	174366	4.046	ng		98
80) Butylbenzylphthalate	20.500	149	41973	3.157	ng		89
81) Benzo(a)anthracene	21.411	228	162931	3.877	ng		99
82) 3,3'-Dichlorobenzidine	21.334	252	41452	3.175	ng		90
83) Chrysene	21.476	228	164204m	4.024	ng		
84) Bis(2-ethylhexyl)phtha...	21.323	149	65526	3.223	ng	#	99
85) Di-n-octyl phthalate	22.457	149	115614	3.265	ng		96
87) Indeno(1,2,3-cd)pyrene	27.845	276	182828m	3.724	ng		
88) Benzo(b)fluoranthene	23.485	252	163000m	3.689	ng		
89) Benzo(k)fluoranthene	23.544	252	168306	3.795	ng		95
90) Benzo(a)pyrene	24.290	252	155272m	3.956	ng		
91) Dibenzo(a,h)anthracene	27.886	278	145920m	3.592	ng		
92) Benzo(g,h,i)perylene	28.896	276	149362m	3.574	ng		

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

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