Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011025\
Data File : BG063948.D
Acq On : 10 Jan 2025 12:48
Operator : RC/JU
Sample : P1187-08
Misc : LOQ-WATER-5PPM
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 10 13:27:46 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	133717	20.000	ng		-0.03
21) Naphthalene-d8	10.558	136	535413	20.000	ng		-0.02
39) Acenaphthene-d10	14.419	164	369106	20.000	ng		-0.02
64) Phenanthrene-d10	17.174	188	865565	20.000	ng		-0.02
76) Chrysene-d12	21.428	240	852123	20.000	ng		-0.03
86) Perylene-d12	24.436	264	909776	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.359	112	884502	105.391	ng		-0.03
7) Phenol-d6	6.957	99	1264923	104.183	ng		-0.03
23) Nitrobenzene-d5	8.925	82	957651	70.456	ng		-0.03
42) 2,4,6-Tribromophenol	15.917	330	421274	94.649	ng		-0.02
45) 2-Fluorobiphenyl	13.032	172	1860668	73.030	ng		-0.02
79) Terphenyl-d14	19.812	244	3009555	70.126	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	28386	6.434	ng		94
3) Pyridine	3.655	79	59506	5.006	ng		94
4) n-Nitrosodimethylamine	3.572	42	27100	5.965	ng	#	87
6) Aniline	7.098	93	80704	7.652	ng		96
8) 2-Chlorophenol	7.339	128	51259	6.282	ng		96
9) Benzaldehyde	6.910	77	62047	8.003	ng		94
10) Phenol	6.980	94	79787	6.312	ng		93
11) bis(2-Chloroethyl)ether	7.192	93	63462	6.403	ng		96
12) 1,3-Dichlorobenzene	7.656	146	58643	5.963	ng		93
13) 1,4-Dichlorobenzene	7.803	146	59400	6.043	ng		99
14) 1,2-Dichlorobenzene	8.114	146	62256	6.435	ng		98
15) Benzyl Alcohol	8.008	79	48882	5.611	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.285	45	90885	6.370	ng		97
17) 2-Methylphenol	8.220	107	47124	5.743	ng		93
18) Hexachloroethane	8.837	117	22678	5.948	ng		84
19) n-Nitroso-di-n-propyla...	8.567	70	50229	5.665	ng		98
20) 3+4-Methylphenols	8.555	107	59693	5.408	ng		92
22) Acetophenone	8.584	105	97514	6.065	ng	#	99
24) Nitrobenzene	8.966	77	83394	5.714	ng		91
25) Isophorone	9.483	82	136709	5.707	ng		97
26) 2-Nitrophenol	9.677	139	23355	5.043	ng	#	91
27) 2,4-Dimethylphenol	9.742	122	24412	4.134	ng	#	77
28) bis(2-Chloroethoxy)met...	9.971	93	79950	5.597	ng	#	98
29) 2,4-Dichlorophenol	10.229	162	48337	5.478	ng		96
30) 1,2,4-Trichlorobenzene	10.423	180	61141	5.729	ng	#	92
31) Naphthalene	10.605	128	172355	5.938	ng		98
32) Benzoic acid	10.065	122	10121m	2.562	ng		
33) 4-Chloroaniline	10.729	127	59237	6.286	ng	#	93
34) Hexachlorobutadiene	10.893	225	38449	5.256	ng		96
35) Caprolactam	11.475	113	14907	5.116	ng		98
36) 4-Chloro-3-methylphenol	11.869	107	52741	5.385	ng		97
37) 2-Methylnaphthalene	12.227	142	119433	5.856	ng		94
38) 1-Methylnaphthalene	12.444	142	114394	5.640	ng		99
40) 1,2,4,5-Tetrachloroben...	12.603	216	73580	5.942	ng		100
43) 2,4,6-Trichlorophenol	12.856	196	38166	5.232	ng		94
44) 2,4,5-Trichlorophenol	12.932	196	41767	5.102	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.243	154	175928	6.530	ng		98
47) 2-Chloronaphthalene	13.285	162	129918	5.866	ng		98
48) 2-Nitroaniline	13.496	65	36083	4.869	ng		97
49) Acenaphthylene	14.137	152	211926	6.458	ng		97
50) Dimethylphthalate	13.872	163	158924	5.895	ng		99
51) 2,6-Dinitrotoluene	13.996	165	30440	5.069	ng		94
52) Acenaphthene	14.483	154	119839	5.973	ng		99
53) 3-Nitroaniline	14.330	138	28226	5.123	ng	#	78
54) 2,4-Dinitrophenol	14.565	184	4375m	9.202	ng		
55) Dibenzofuran	14.818	168	212002	6.087	ng		98
56) 4-Nitrophenol	14.683	139	16446m	4.353	ng		
57) 2,4-Dinitrotoluene	14.795	165	40249	4.774	ng	#	98
58) Fluorene	15.470	166	166379	6.148	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.059	232	34592	4.789	ng	#	91
60) Diethylphthalate	15.241	149	148934	5.605	ng		98
61) 4-Chlorophenyl-phenyle...	15.464	204	85797	5.848	ng		99
62) 4-Nitroaniline	15.500	138	27856	4.864	ng		91
63) Azobenzene	15.758	77	191313	5.691	ng		98
65) 4,6-Dinitro-2-methylph...	15.576	198	15445	3.422	ng		89
66) n-Nitrosodiphenylamine	15.682	169	136044	6.035	ng		97
67) 4-Bromophenyl-phenylether	16.363	248	54454	5.691	ng		98
68) Hexachlorobenzene	16.481	284	62863	5.755	ng		94
69) Atrazine	16.634	200	52243	7.230	ng		97
70) Pentachlorophenol	16.845	266	14941m	3.297	ng		
71) Phenanthrene	17.215	178	286156	6.356	ng		97
72) Anthracene	17.309	178	264069	6.025	ng		97
73) Carbazole	17.580	167	247571	6.117	ng		99
74) Di-n-butylphthalate	18.144	149	249874	5.540	ng		98
75) Fluoranthene	19.242	202	347844	6.122	ng		98
77) Benzidine	19.424	184	54326	4.556	ng		95
78) Pyrene	19.607	202	369945	6.329	ng		97
80) Butylbenzylphthalate	20.500	149	89045	4.938	ng		99
81) Benzo(a)anthracene	21.410	228	352545	6.185	ng		99
82) 3,3'-Dichlorobenzidine	21.334	252	94932	5.361	ng	#	97
83) Chrysene	21.475	228	351409	6.349	ng		98
84) Bis(2-ethylhexyl)phtha...	21.328	149	147101	5.335	ng	#	99
85) Di-n-octyl phthalate	22.456	149	255600	5.321	ng		99
87) Indeno(1,2,3-cd)pyrene	27.826	276	381528	6.039	ng		100
88) Benzo(b)fluoranthene	23.484	252	328815	5.782	ng		99
89) Benzo(k)fluoranthene	23.543	252	353820	6.200	ng		94
90) Benzo(a)pyrene	24.289	252	321494	6.364	ng		96
91) Dibenzo(a,h)anthracene	27.868	278	301795	5.772	ng		98
92) Benzo(g,h,i)perylene	28.890	276	293516	5.457	ng		97

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

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