Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024493.D
Acq On : 01 May 2025 15:32
Operator : RC/JU
Sample : Q1906-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-6

Quant Time: May 01 16:00:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	182874	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	710699	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	442676	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	867690	20.000	ng	0.00
76) Chrysene-d12	21.598	240	765928	20.000	ng	0.00
86) Perylene-d12	24.951	264	912899	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1120356	101.297	ng	-0.01
7) Phenol-d6	6.905	99	1295632	85.552	ng	0.00
23) Nitrobenzene-d5	8.857	82	955536	76.665	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	870643	142.154	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2189678	75.736	ng	-0.01
79) Terphenyl-d14	19.880	244	3530856	92.919	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	94	0.020	ng	# 53
3) Pyridine	3.711	79	2251	0.182	ng	# 71
4) n-Nitrosodimethylamine	3.617	42	292	0.071	ng	# 1
6) Aniline	7.040	93	70	0.005	ng	# 1
8) 2-Chlorophenol	7.340	128	57	0.005	ng	85
9) Benzaldehyde	6.840	77	163	0.022	ng	# 16
10) Phenol	6.928	94	1006	0.066	ng	# 1
11) bis(2-Chloroethyl)ether	7.140	93	69	0.006	ng	# 10
12) 1,3-Dichlorobenzene	7.581	146	25	0.002	ng	# 1
13) 1,4-Dichlorobenzene	7.769	146	102	0.008	ng	# 63
14) 1,2-Dichlorobenzene	8.046	146	13	0.001	ng	# 1
15) Benzyl Alcohol	7.952	79	294	0.030	ng	# 58
16) 2,2'-oxybis(1-Chloropr...	8.240	45	404	0.031	ng	95
17) 2-Methylphenol	8.193	107	254	0.026	ng	# 1
18) Hexachloroethane	8.781	117	79	0.016	ng	# 49
19) n-Nitroso-di-n-propyla...	8.505	70	293	0.031	ng	# 1
20) 3+4-Methylphenols	8.475	107	172	0.013	ng	# 1
22) Acetophenone	8.528	105	423	0.024	ng	# 19
24) Nitrobenzene	8.863	77	3447	0.280	ng	# 37
25) Isophorone	9.405	82	164	0.007	ng	# 24
26) 2-Nitrophenol	9.587	139	186	0.031	ng	# 5
27) 2,4-Dimethylphenol	9.646	122	145	0.019	ng	# 32
28) bis(2-Chloroethoxy)met...	9.875	93	26	0.002	ng	# 1
29) 2,4-Dichlorophenol	10.140	162	30	0.003	ng	# 1
30) 1,2,4-Trichlorobenzene	10.363	180	116	0.010	ng	# 37
31) Naphthalene	10.522	128	352	0.009	ng	# 1
32) Benzoic acid	9.775	122	2338	0.265	ng	# 82
33) 4-Chloroaniline	10.669	127	97	0.007	ng	# 1
34) Hexachlorobutadiene	10.828	225	8	0.001	ng	# 71
35) Caprolactam	11.393	113	144	0.038	ng	# 1
36) 4-Chloro-3-methylphenol	11.793	107	651	0.054	ng	# 70
37) 2-Methylnaphthalene	12.151	142	313	0.012	ng	# 1
38) 1-Methylnaphthalene	12.351	142	30	0.001	ng	# 83
40) 1,2,4,5-Tetrachloroben...	12.510	216	11	0.001	ng	# 1
41) Hexachlorocyclopentadiene	12.463	237	10	0.002	ng	87
43) 2,4,6-Trichlorophenol	12.810	196	110	0.014	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	301	0.034	ng	#	1
46) 1,1'-Biphenyl	13.175	154	173	0.005	ng	#	76
47) 2-Chloronaphthalene	13.193	162	207	0.009	ng	#	1
48) 2-Nitroaniline	13.422	65	254	0.037	ng	#	40
49) Acenaphthylene	14.075	152	192	0.005	ng	#	1
50) Dimethylphthalate	13.798	163	4008	0.125	ng	#	47
51) 2,6-Dinitrotoluene	13.916	165	190	0.028	ng	#	83
52) Acenaphthene	14.663	154	314	0.013	ng		90
53) 3-Nitroaniline	14.263	138	205	0.029	ng	#	79
54) 2,4-Dinitrophenol	14.445	184	147	0.037	ng	#	1
55) Dibenzofuran	14.751	168	852	0.021	ng	#	29
56) 4-Nitrophenol	14.557	139	145	0.023	ng	#	1
57) 2,4-Dinitrotoluene	14.722	165	787	0.084	ng	#	66
58) Fluorene	15.404	166	374	0.012	ng	#	57
59) 2,3,4,6-Tetrachlorophenol	14.987	232	896	0.108	ng	#	82
60) Diethylphthalate	15.181	149	160311	4.832	ng		98
61) 4-Chlorophenyl-phenyle...	15.404	204	117	0.008	ng	#	37
62) 4-Nitroaniline	15.428	138	181	0.024	ng		81
63) Azobenzene	15.728	77	24395	0.800	ng	#	1
65) 4,6-Dinitro-2-methylph...	15.504	198	342	0.063	ng	#	1
66) n-Nitrosodiphenylamine	15.857	169	22285	0.860	ng	#	45
67) 4-Bromophenyl-phenylether	16.328	248	22	0.002	ng	#	1
68) Hexachlorobenzene	16.434	284	255	0.023	ng	#	85
69) Atrazine	16.598	200	117	0.018	ng	#	39
70) Pentachlorophenol	16.798	266	2366	0.301	ng		90
71) Phenanthrene	17.192	178	4630	0.098	ng		93
72) Anthracene	17.281	178	863	0.019	ng	#	47
73) Carbazole	17.569	167	3070	0.069	ng	#	75
74) Di-n-butylphthalate	18.157	149	148279	2.670	ng		99
75) Fluoranthene	19.280	202	6818	0.121	ng		85
77) Benzidine	19.480	184	163	0.017	ng	#	1
78) Pyrene	19.657	202	7449	0.153	ng	#	86
80) Butylbenzylphthalate	20.604	149	1844	0.088	ng	#	68
81) Benzo(a)anthracene	21.580	228	11083	0.233	ng		96
82) 3,3'-Dichlorobenzidine	21.522	252	251	0.015	ng	#	13
83) Chrysene	21.645	228	12612	0.277	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	20504	0.671	ng	#	99
85) Di-n-octyl phthalate	22.804	149	5504	0.111	ng	#	81
87) Indeno(1,2,3-cd)pyrene	28.792	276	1494	0.024	ng	#	75
88) Benzo(b)fluoranthene	23.892	252	11297	0.206	ng	#	77
89) Benzo(k)fluoranthene	23.968	252	9192	0.174	ng	#	58
90) Benzo(a)pyrene	24.792	252	3960	0.084	ng	#	19
91) Dibenzo(a,h)anthracene	28.845	278	759	0.014	ng	#	1
92) Benzo(g,h,i)perylene	29.945	276	947	0.018	ng	#	22

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

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