Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024475.D
Acq On : 30 Apr 2025 16:07
Operator : RC/JU
Sample : Q1892-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-G

Quant Time: Apr 30 16:36:28 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	7.711	152	149834	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	574553	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	343108	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	712542	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	869407	20.000	ng	0.00
86) Perylene-d12	24.945	264	956458	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1029605	113.619	ng	-0.01
7) Phenol-d6	6.899	99	1205017	97.114	ng	-0.01
23) Nitrobenzene-d5	8.858	82	795954	78.994	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	729945	153.767	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1667461	74.410	ng	-0.01
79) Terphenyl-d14	19.875	244	3500794	81.163	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	228	0.059	ng	# 1
3) Pyridine	3.681	79	72	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.564	42	204	0.061	ng	# 1
6) Aniline	7.069	93	132	0.012	ng	# 1
8) 2-Chlorophenol	7.352	128	119	0.012	ng	80
9) Benzaldehyde	6.899	77	2905	0.473	ng	# 6
10) Phenol	6.664	94	33	0.003	ng	83
11) bis(2-Chloroethyl)ether	7.069	93	132	0.013	ng	78
12) 1,3-Dichlorobenzene	7.599	146	7	0.001	ng	# 29
13) 1,4-Dichlorobenzene	7.775	146	26	0.002	ng	# 15
14) 1,2-Dichlorobenzene	8.075	146	8	0.001	ng	# 1
15) Benzyl Alcohol	7.922	79	589	0.073	ng	# 46
16) 2,2'-oxybis(1-Chloropr...	8.222	45	44	0.004	ng	82
17) 2-Methylphenol	8.169	107	58	0.007	ng	# 1
18) Hexachloroethane	8.758	117	51	0.013	ng	# 26
19) n-Nitroso-di-n-propyla...	8.505	70	97	0.013	ng	# 1
20) 3+4-Methylphenols	8.475	107	38	0.003	ng	# 1
22) Acetophenone	8.534	105	665	0.047	ng	# 52
24) Nitrobenzene	8.858	77	2717	0.273	ng	# 41
25) Isophorone	9.410	82	132	0.007	ng	# 43
26) 2-Nitrophenol	9.616	139	36	0.007	ng	# 1
28) bis(2-Chloroethoxy)met...	9.893	93	65	0.005	ng	# 1
29) 2,4-Dichlorophenol	10.152	162	28	0.003	ng	80
30) 1,2,4-Trichlorobenzene	10.334	180	49	0.005	ng	# 13
31) Naphthalene	10.522	128	163	0.005	ng	# 50
32) Benzoic acid	9.787	122	108062m	15.141	ng	
33) 4-Chloroaniline	10.657	127	24	0.002	ng	# 1
34) Hexachlorobutadiene	10.799	225	6	0.001	ng	# 1
35) Caprolactam	11.387	113	55	0.018	ng	# 1
36) 4-Chloro-3-methylphenol	11.763	107	97	0.010	ng	# 70
37) 2-Methylnaphthalene	12.157	142	181	0.009	ng	# 24
38) 1-Methylnaphthalene	12.375	142	156	0.008	ng	# 33
40) 1,2,4,5-Tetrachloroben...	12.522	216	18	0.002	ng	# 1
41) Hexachlorocyclopentadiene	12.493	237	8	0.002	ng	74
43) 2,4,6-Trichlorophenol	12.769	196	23	0.004	ng	# 26
44) 2,4,5-Trichlorophenol	12.846	196	29	0.004	ng	# 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.951	154	3599	0.143	ng	#	1
47) 2-Chloronaphthalene	13.193	162	46	0.002	ng		89
48) 2-Nitroaniline	13.410	65	33	0.006	ng	#	28
49) Acenaphthylene	14.087	152	48	0.002	ng	#	29
50) Dimethylphthalate	13.793	163	49848	1.998	ng		99
51) 2,6-Dinitrotoluene	13.928	165	42	0.008	ng	#	1
52) Acenaphthene	14.422	154	90	0.005	ng	#	1
53) 3-Nitroaniline	14.263	138	7	0.001	ng	#	1
54) 2,4-Dinitrophenol	14.457	184	31	0.010	ng	#	1
55) Dibenzofuran	14.751	168	35	0.001	ng	#	1
56) 4-Nitrophenol	14.581	139	127	0.026	ng		92
57) 2,4-Dinitrotoluene	14.693	165	49	0.007	ng	#	65
58) Fluorene	15.410	166	84	0.004	ng	#	89
59) 2,3,4,6-Tetrachlorophenol	14.969	232	6	0.001	ng	#	1
60) Diethylphthalate	15.181	149	1645	0.064	ng	#	89
61) 4-Chlorophenyl-phenyle...	15.398	204	33	0.003	ng	#	38
62) 4-Nitroaniline	15.440	138	18	0.003	ng	#	70
63) Azobenzene	15.657	77	108	0.005	ng	#	42
65) 4,6-Dinitro-2-methylph...	15.504	198	14	0.003	ng	#	1
66) n-Nitrosodiphenylamine	15.863	169	19705	0.927	ng	#	51
67) 4-Bromophenyl-phenylether	16.328	248	32	0.004	ng	#	1
68) Hexachlorobenzene	16.434	284	33	0.004	ng	#	67
69) Atrazine	16.387	200	9	0.002	ng		88
70) Pentachlorophenol	17.057	266	49	0.008	ng		91
71) Phenanthrene	17.192	178	416	0.011	ng	#	77
72) Anthracene	17.269	178	157	0.004	ng	#	21
73) Carbazole	17.563	167	162	0.004	ng	#	1
74) Di-n-butylphthalate	18.157	149	9518	0.209	ng	#	97
75) Fluoranthene	19.281	202	444	0.010	ng	#	12
77) Benzidine	19.486	184	52	0.005	ng	#	1
78) Pyrene	19.663	202	969	0.018	ng	#	59
80) Butylbenzylphthalate	20.604	149	1120	0.047	ng	#	89
81) Benzo(a)anthracene	21.592	228	2815	0.052	ng	#	69
82) 3,3'-Dichlorobenzidine	21.516	252	55	0.003	ng	#	57
83) Chrysene	21.627	228	792	0.015	ng	#	65
84) Bis(2-ethylhexyl)phtha...	21.510	149	10288	0.297	ng		98
85) Di-n-octyl phthalate	22.780	149	1017	0.018	ng	#	62
87) Indeno(1,2,3-cd)pyrene	28.745	276	26	0.000	ng	#	1
88) Benzo(b)fluoranthene	23.892	252	681	0.012	ng	#	1
89) Benzo(k)fluoranthene	23.974	252	369	0.007	ng	#	1
90) Benzo(a)pyrene	24.768	252	240	0.005	ng	#	1
91) Dibenzo(a,h)anthracene	28.839	278	182	0.003	ng	#	1
92) Benzo(g,h,i)perylene	29.921	276	21	0.000	ng	#	1

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

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