Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024488.D
Acq On : 01 May 2025 12:03
Operator : RC/JU
Sample : Q1905-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-G

Quant Time: May 01 12:23:40 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	141491	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	538634	20.000	ng	#-0.02
39) Acenaphthene-d10	14.345	164	324324	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	646739	20.000	ng	# 0.01
76) Chrysene-d12	21.610	240	782653	20.000	ng	# 0.02
86) Perylene-d12	24.951	264	1011116	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	896035	104.710	ng	-0.01
7) Phenol-d6	6.899	99	1004507	85.728	ng	-0.01
23) Nitrobenzene-d5	8.857	82	774711	82.013	ng	-0.01
42) 2,4,6-Tribromophenol	15.875	330	671996	149.759	ng	0.01
45) 2-Fluorobiphenyl	12.957	172	1704233	80.456	ng	0.00
79) Terphenyl-d14	19.886	244	3288358	84.688	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	220	0.061	ng	# 1
3) Pyridine	3.693	79	1975	0.207	ng	# 74
4) n-Nitrosodimethylamine	3.581	42	350	0.110	ng	# 1
6) Aniline	7.046	93	66	0.006	ng	# 46
8) 2-Chlorophenol	7.293	128	60	0.006	ng	86
9) Benzaldehyde	6.857	77	553	0.095	ng	# 58
10) Phenol	6.810	94	142	0.012	ng	74
11) bis(2-Chloroethyl)ether	7.146	93	167	0.018	ng	# 53
12) 1,3-Dichlorobenzene	7.599	146	30	0.003	ng	# 27
13) 1,4-Dichlorobenzene	7.751	146	15	0.001	ng	# 1
14) 1,2-Dichlorobenzene	8.028	146	38	0.004	ng	# 1
15) Benzyl Alcohol	7.951	79	236	0.031	ng	# 73
16) 2,2'-oxybis(1-Chloropr...	8.216	45	224	0.022	ng	71
17) 2-Methylphenol	8.146	107	304	0.040	ng	# 34
18) Hexachloroethane	8.769	117	95	0.025	ng	# 32
19) n-Nitroso-di-n-propyla...	8.498	70	349	0.048	ng	# 1
20) 3+4-Methylphenols	8.498	107	739	0.070	ng	# 67
22) Acetophenone	8.522	105	1261	0.095	ng	# 47
24) Nitrobenzene	8.851	77	2840	0.304	ng	# 31
25) Isophorone	9.410	82	86	0.005	ng	# 56
26) 2-Nitrophenol	9.604	139	106	0.023	ng	# 1
27) 2,4-Dimethylphenol	9.663	122	379	0.066	ng	# 50
28) bis(2-Chloroethoxy)met...	9.910	93	79	0.007	ng	# 1
29) 2,4-Dichlorophenol	10.134	162	37	0.005	ng	# 1
30) 1,2,4-Trichlorobenzene	10.340	180	68	0.008	ng	# 1
31) Naphthalene	10.528	128	33615	1.185	ng	98
32) Benzoic acid	9.769	122	2425	0.362	ng	93
33) 4-Chloroaniline	10.663	127	427	0.043	ng	# 1
34) Hexachlorobutadiene	10.528	225	3	0.001	ng	91
35) Caprolactam	11.451	113	1597	0.553	ng	# 36
36) 4-Chloro-3-methylphenol	11.534	107	52	0.006	ng	90
37) 2-Methylnaphthalene	12.363	142	4008	0.204	ng	98
38) 1-Methylnaphthalene	12.363	142	4031	0.209	ng	# 96
40) 1,2,4,5-Tetrachloroben...	12.534	216	28	0.003	ng	# 1
41) Hexachlorocyclopentadiene	12.451	237	17	0.005	ng	96
43) 2,4,6-Trichlorophenol	12.775	196	19	0.003	ng	# 53

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	51	0.008	ng	#	1
46) 1,1'-Biphenyl	13.163	154	1129	0.047	ng	#	62
47) 2-Chloronaphthalene	13.198	162	34	0.002	ng	#	1
48) 2-Nitroaniline	13.416	65	172	0.034	ng	#	56
49) Acenaphthylene	14.069	152	1109	0.040	ng	#	55
50) Dimethylphthalate	13.792	163	16063	0.681	ng	#	94
51) 2,6-Dinitrotoluene	13.922	165	41	0.008	ng	#	6
52) Acenaphthene	14.410	154	3544	0.199	ng	#	93
53) 3-Nitroaniline	14.239	138	125	0.024	ng	#	67
54) 2,4-Dinitrophenol	14.498	184	53	0.018	ng	#	1
55) Dibenzofuran	14.751	168	4858	0.167	ng		93
56) 4-Nitrophenol	14.563	139	87	0.019	ng	#	1
57) 2,4-Dinitrotoluene	14.710	165	164	0.024	ng	#	39
58) Fluorene	15.416	166	4815	0.214	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	14.986	232	29	0.005	ng	#	1
60) Diethylphthalate	15.186	149	2225821	91.578	ng		100
61) 4-Chlorophenyl-phenyle...	15.398	204	144	0.013	ng	#	6
62) 4-Nitroaniline	15.445	138	251	0.045	ng	#	34
63) Azobenzene	15.739	77	5400	0.242	ng	#	2
65) 4,6-Dinitro-2-methylph...	15.498	198	76	0.019	ng	#	1
66) n-Nitrosodiphenylamine	15.875	169	17288	0.896	ng	#	48
67) 4-Bromophenyl-phenylether	16.345	248	42	0.006	ng	#	1
68) Hexachlorobenzene	16.463	284	59	0.007	ng	#	1
69) Atrazine	16.633	200	137	0.028	ng	#	1
70) Pentachlorophenol	16.810	266	534	0.091	ng		95
71) Phenanthrene	17.198	178	18487	0.524	ng	#	92
72) Anthracene	17.298	178	2569	0.076	ng	#	67
73) Carbazole	17.580	167	36411	1.096	ng		96
74) Di-n-butylphthalate	18.169	149	548817	13.259	ng		99
75) Fluoranthene	19.292	202	6316	0.151	ng		85
77) Benzidine	19.474	184	277	0.028	ng	#	1
78) Pyrene	19.668	202	4947	0.099	ng	#	92
80) Butylbenzylphthalate	20.615	149	4327	0.203	ng	#	78
81) Benzo(a)anthracene	21.610	228	2762	0.057	ng	#	76
82) 3,3'-Dichlorobenzidine	21.515	252	814	0.048	ng	#	48
83) Chrysene	21.657	228	775	0.017	ng	#	48
84) Bis(2-ethylhexyl)phtha...	21.527	149	73315	2.348	ng		96
85) Di-n-octyl phthalate	22.798	149	727	0.014	ng	#	1
87) Indeno(1,2,3-cd)pyrene	28.768	276	256	0.004	ng	#	42
88) Benzo(b)fluoranthene	23.909	252	1111	0.018	ng	#	1
89) Benzo(k)fluoranthene	23.974	252	876	0.015	ng	#	1
90) Benzo(a)pyrene	24.804	252	657	0.013	ng	#	1
91) Dibenzo(a,h)anthracene	28.844	278	233	0.004	ng	#	1
92) Benzo(g,h,i)perylene	29.915	276	52	0.001	ng	#	1

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

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