Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024473.D
Acq On : 30 Apr 2025 14:45
Operator : RC/JU
Sample : Q1891-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-C

Quant Time: Apr 30 15:10:08 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	7.716	152	150239	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	573980	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	327872	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	633906	20.000	ng	0.00
76) Chrysene-d12	21.604	240	755283	20.000	ng	0.01
86) Perylene-d12	24.945	264	813014	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1113304	122.525	ng	-0.01
7) Phenol-d6	6.899	99	1252819	100.694	ng	-0.01
23) Nitrobenzene-d5	8.858	82	855365	84.975	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	689070	151.902	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1852901	86.528	ng	0.00
79) Terphenyl-d14	19.881	244	3266284	87.168	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	335	0.087	ng	# 1
3) Pyridine	3.681	79	183	0.018	ng	# 1
4) n-Nitrosodimethylamine	3.593	42	1038	0.308	ng	# 1
6) Aniline	7.052	93	87	0.008	ng	# 71
8) 2-Chlorophenol	7.269	128	48	0.005	ng	71
9) Benzaldehyde	6.899	77	2839	0.461	ng	# 9
10) Phenol	6.922	94	975	0.078	ng	# 1
11) bis(2-Chloroethyl)ether	7.146	93	152	0.015	ng	# 53
12) 1,3-Dichlorobenzene	7.593	146	44	0.004	ng	# 48
13) 1,4-Dichlorobenzene	7.758	146	46	0.004	ng	91
14) 1,2-Dichlorobenzene	8.064	146	21	0.002	ng	# 46
15) Benzyl Alcohol	7.975	79	312	0.039	ng	# 33
16) 2,2'-oxybis(1-Chloropr...	8.334	45	263	0.024	ng	78
17) 2-Methylphenol	8.169	107	64	0.008	ng	# 1
18) Hexachloroethane	8.805	117	151	0.038	ng	# 53
19) n-Nitroso-di-n-propyla...	8.522	70	145	0.019	ng	# 1
20) 3+4-Methylphenols	8.464	107	66	0.006	ng	# 1
22) Acetophenone	8.528	105	1649	0.116	ng	# 70
24) Nitrobenzene	8.858	77	3881	0.390	ng	# 50
25) Isophorone	9.422	82	127	0.007	ng	# 44
26) 2-Nitrophenol	9.616	139	35	0.007	ng	# 1
28) bis(2-Chloroethoxy)met...	9.893	93	176	0.014	ng	# 1
29) 2,4-Dichlorophenol	10.128	162	11	0.001	ng	# 1
30) 1,2,4-Trichlorobenzene	10.340	180	13	0.001	ng	# 1
31) Naphthalene	10.534	128	595	0.020	ng	# 81
32) Benzoic acid	9.822	122	280230m	39.304	ng	
33) 4-Chloroaniline	10.663	127	36	0.003	ng	# 1
34) Hexachlorobutadiene	10.793	225	23	0.004	ng	# 34
35) Caprolactam	11.457	113	169	0.055	ng	# 26
36) 4-Chloro-3-methylphenol	11.763	107	74	0.008	ng	# 37
37) 2-Methylnaphthalene	12.169	142	481	0.023	ng	# 26
38) 1-Methylnaphthalene	12.369	142	436	0.021	ng	# 50
40) 1,2,4,5-Tetrachloroben...	12.493	216	6	0.001	ng	# 1
41) Hexachlorocyclopentadiene	12.563	237	5	0.002	ng	82
43) 2,4,6-Trichlorophenol	12.775	196	17	0.003	ng	# 34
44) 2,4,5-Trichlorophenol	12.846	196	14	0.002	ng	# 1

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	12.957	154	3747	0.155	ng	#	1
47)	2-Chloronaphthalene	13.204	162	23	0.001	ng	#	1
48)	2-Nitroaniline	13.393	65	74	0.015	ng	#	19
49)	Acenaphthylene	14.022	152	94	0.003	ng	#	84
50)	Dimethylphthalate	13.799	163	27316	1.146	ng		99
51)	2,6-Dinitrotoluene	13.887	165	339	0.067	ng	#	77
52)	Acenaphthene	14.404	154	472	0.026	ng	#	81
53)	3-Nitroaniline	14.263	138	76	0.014	ng	#	38
54)	2,4-Dinitrophenol	14.469	184	24	0.008	ng	#	1
55)	Dibenzofuran	14.746	168	260	0.009	ng	#	61
56)	4-Nitrophenol	14.575	139	77	0.017	ng	#	1
57)	2,4-Dinitrotoluene	14.722	165	196	0.028	ng	#	83
58)	Fluorene	15.410	166	460	0.020	ng	#	82
59)	2,3,4,6-Tetrachlorophenol	14.993	232	46	0.008	ng	#	1
60)	Diethylphthalate	15.181	149	4165	0.170	ng		96
61)	4-Chlorophenyl-phenyle...	15.416	204	26	0.002	ng	#	1
62)	4-Nitroaniline	15.434	138	67	0.012	ng	#	58
63)	Azobenzene	15.693	77	233	0.010	ng	#	68
65)	4,6-Dinitro-2-methylph...	15.498	198	30	0.008	ng	#	1
66)	n-Nitrosodiphenylamine	15.863	169	18213	0.963	ng	#	49
67)	4-Bromophenyl-phenylether	16.334	248	43	0.006	ng	#	1
68)	Hexachlorobenzene	16.445	284	9	0.001	ng	#	1
69)	Atrazine	16.610	200	8	0.002	ng	#	68
70)	Pentachlorophenol	16.792	266	234	0.041	ng	#	19
71)	Phenanthrene	17.187	178	1540	0.045	ng	#	87
72)	Anthracene	17.298	178	273	0.008	ng	#	63
73)	Carbazole	17.581	167	593	0.018	ng	#	54
74)	Di-n-butylphthalate	18.169	149	15163	0.374	ng	#	95
75)	Fluoranthene	19.292	202	956	0.023	ng	#	1
77)	Benzidine	19.504	184	116	0.012	ng	#	1
78)	Pyrene	19.663	202	1633	0.034	ng		96
80)	Butylbenzylphthalate	20.616	149	1547	0.075	ng	#	88
81)	Benzo(a)anthracene	21.651	228	674	0.014	ng		96
82)	3,3'-Dichlorobenzidine	21.486	252	303	0.018	ng	#	44
83)	Chrysene	21.651	228	674	0.015	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.516	149	13375	0.444	ng		98
85)	Di-n-octyl phthalate	22.798	149	634	0.013	ng	#	1
87)	Indeno(1,2,3-cd)pyrene	28.751	276	85	0.002	ng	#	1
88)	Benzo(b)fluoranthene	23.880	252	527	0.011	ng	#	1
89)	Benzo(k)fluoranthene	23.963	252	579	0.012	ng	#	1
90)	Benzo(a)pyrene	24.786	252	435	0.010	ng	#	1
91)	Dibenzo(a,h)anthracene	28.827	278	67	0.001	ng	#	1
92)	Benzo(g,h,i)perylene	29.933	276	200	0.004	ng	#	83

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

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