Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024474.D
Acq On : 30 Apr 2025 15:26
Operator : RC/JU
Sample : Q1891-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-D

Quant Time: Apr 30 15:54:55 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	148268	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	553950	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	313025	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	595191	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	692734	20.000	ng	# 0.00
86) Perylene-d12	24.933	264	815843	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1065036	118.771	ng	-0.01
7) Phenol-d6	6.899	99	1222434	99.558	ng	-0.01
23) Nitrobenzene-d5	8.857	82	825464	84.970	ng	-0.01
42) 2,4,6-Tribromophenol	15.851	330	639994	147.775	ng	-0.01
45) 2-Fluorobiphenyl	12.951	172	1772803	86.714	ng	-0.01
79) Terphenyl-d14	19.863	244	3039923	88.452	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	385	0.102	ng	# 1
3) Pyridine	3.687	79	163	0.016	ng	# 1
4) n-Nitrosodimethylamine	3.593	42	125	0.038	ng	# 1
6) Aniline	7.052	93	135	0.012	ng	# 20
8) 2-Chlorophenol	7.346	128	54	0.005	ng	83
9) Benzaldehyde	6.899	77	2467	0.406	ng	# 8
10) Phenol	6.928	94	766	0.062	ng	# 1
11) bis(2-Chloroethyl)ether	7.258	93	57	0.006	ng	92
12) 1,3-Dichlorobenzene	7.605	146	10	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.740	146	19	0.002	ng	# 1
14) 1,2-Dichlorobenzene	8.075	146	16	0.002	ng	# 78
15) Benzyl Alcohol	7.916	79	621	0.078	ng	# 48
16) 2,2'-oxybis(1-Chloropr...	8.204	45	278	0.026	ng	96
17) 2-Methylphenol	8.163	107	35	0.004	ng	# 1
18) Hexachloroethane	8.810	117	118	0.030	ng	# 61
19) n-Nitroso-di-n-propyla...	8.516	70	131	0.017	ng	# 1
20) 3+4-Methylphenols	8.481	107	52	0.005	ng	# 1
22) Acetophenone	8.534	105	893	0.065	ng	# 79
24) Nitrobenzene	8.863	77	2804	0.292	ng	# 44
25) Isophorone	9.422	82	152	0.009	ng	# 55
26) 2-Nitrophenol	9.634	139	17	0.004	ng	# 1
28) bis(2-Chloroethoxy)met...	9.910	93	93	0.008	ng	# 1
29) 2,4-Dichlorophenol	10.140	162	10	0.001	ng	# 1
30) 1,2,4-Trichlorobenzene	10.334	180	14	0.002	ng	# 1
31) Naphthalene	10.534	128	10545	0.361	ng	99
32) Benzoic acid	9.799	122	163133m	23.708	ng	
33) 4-Chloroaniline	10.622	127	134	0.013	ng	# 1
34) Hexachlorobutadiene	10.810	225	17	0.003	ng	# 53
35) Caprolactam	11.516	113	432	0.145	ng	99
36) 4-Chloro-3-methylphenol	11.775	107	73	0.008	ng	# 49
37) 2-Methylnaphthalene	12.145	142	6968	0.344	ng	93
38) 1-Methylnaphthalene	12.369	142	15156	0.766	ng	98
40) 1,2,4,5-Tetrachloroben...	12.522	216	41	0.005	ng	# 1
41) Hexachlorocyclopentadiene	12.581	237	11	0.004	ng	98
43) 2,4,6-Trichlorophenol	12.757	196	19	0.003	ng	# 30
44) 2,4,5-Trichlorophenol	12.851	196	14	0.002	ng	# 1

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.163	154	285	0.012	ng	#	59
47)	2-Chloronaphthalene	13.198	162	119	0.007	ng	#	89
48)	2-Nitroaniline	13.369	65	114	0.024	ng	#	39
49)	Acenaphthylene	14.069	152	408	0.015	ng	#	19
50)	Dimethylphthalate	13.798	163	16883	0.742	ng		100
51)	2,6-Dinitrotoluene	13.922	165	29	0.006	ng	#	15
52)	Acenaphthene	14.404	154	4338	0.253	ng		96
53)	3-Nitroaniline	14.216	138	164	0.032	ng	#	1
54)	2,4-Dinitrophenol	14.475	184	13	0.005	ng	#	1
55)	Dibenzofuran	14.751	168	1948	0.069	ng		91
56)	4-Nitrophenol	14.634	139	188	0.043	ng		91
57)	2,4-Dinitrotoluene	14.692	165	198	0.030	ng	#	36
58)	Fluorene	15.410	166	7013	0.323	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.975	232	12	0.002	ng	#	1
60)	Diethylphthalate	15.175	149	2296	0.098	ng	#	91
61)	4-Chlorophenyl-phenyle...	15.404	204	87	0.008	ng	#	8
62)	4-Nitroaniline	15.398	138	171	0.032	ng		88
63)	Azobenzene	15.722	77	617	0.029	ng	#	40
65)	4,6-Dinitro-2-methylph...	15.469	198	14	0.004	ng	#	1
66)	n-Nitrosodiphenylamine	15.851	169	17923	1.009	ng	#	50
67)	4-Bromophenyl-phenylether	16.310	248	30	0.005	ng	#	1
68)	Hexachlorobenzene	16.416	284	67	0.009	ng	#	1
69)	Atrazine	16.675	200	24	0.005	ng		98
70)	Pentachlorophenol	16.692	266	64	0.012	ng		96
71)	Phenanthrene	17.180	178	16198	0.499	ng		97
72)	Anthracene	17.180	178	16198	0.518	ng		96
73)	Carbazole	17.575	167	1044	0.034	ng	#	63
74)	Di-n-butylphthalate	18.145	149	9583	0.252	ng	#	92
75)	Fluoranthene	19.269	202	3062	0.079	ng		98
77)	Benzidine	19.457	184	75	0.009	ng	#	1
78)	Pyrene	19.645	202	3699	0.084	ng	#	92
80)	Butylbenzylphthalate	20.598	149	583	0.031	ng	#	82
81)	Benzo(a)anthracene	21.586	228	2602	0.060	ng	#	80
82)	3,3'-Dichlorobenzidine	21.474	252	136	0.009	ng	#	50
83)	Chrysene	21.639	228	1162	0.028	ng	#	89
84)	Bis(2-ethylhexyl)phtha...	21.504	149	10558	0.382	ng		99
85)	Di-n-octyl phthalate	22.780	149	1071	0.024	ng	#	47
87)	Indeno(1,2,3-cd)pyrene	28.733	276	52	0.001	ng	#	1
88)	Benzo(b)fluoranthene	23.863	252	274	0.006	ng	#	1
89)	Benzo(k)fluoranthene	23.863	252	274	0.006	ng	#	1
90)	Benzo(a)pyrene	24.804	252	307	0.007	ng	#	1
91)	Dibenzo(a,h)anthracene	28.792	278	155	0.003	ng	#	1
92)	Benzo(g,h,i)perylene	29.892	276	56	0.001	ng	#	1

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

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