Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024476.D
Acq On : 30 Apr 2025 16:47
Operator : RC/JU
Sample : Q1892-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-H

Quant Time: Apr 30 17:25:42 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	107668	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	406324	20.000	ng	#-0.02
39) Acenaphthene-d10	14.334	164	233390	20.000	ng	-0.02
64) Phenanthrene-d10	17.139	188	445253	20.000	ng	0.00
76) Chrysene-d12	21.592	240	490508	20.000	ng	0.00
86) Perylene-d12	24.951	264	515456	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	808854	124.216	ng	-0.01
7) Phenol-d6	6.899	99	917943	102.951	ng	-0.01
23) Nitrobenzene-d5	8.857	82	656045	92.066	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	484731	150.115	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1403310	92.061	ng	-0.01
79) Terphenyl-d14	19.869	244	2387235	98.098	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	401	0.146	ng	# 1
3) Pyridine	3.646	79	223	0.031	ng	# 1
4) n-Nitrosodimethylamine	3.593	42	173	0.072	ng	# 1
6) Aniline	7.022	93	67	0.008	ng	# 1
8) 2-Chlorophenol	7.281	128	185	0.025	ng	71
9) Benzaldehyde	6.899	77	2266	0.514	ng	# 8
10) Phenol	6.710	94	69	0.008	ng	81
11) bis(2-Chloroethyl)ether	7.310	93	83	0.012	ng	90
12) 1,3-Dichlorobenzene	7.610	146	11	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.734	146	31	0.004	ng	# 1
14) 1,2-Dichlorobenzene	8.057	146	12	0.002	ng	# 1
15) Benzyl Alcohol	7.899	79	156	0.027	ng	# 46
16) 2,2'-oxybis(1-Chloropr...	8.222	45	211	0.027	ng	69
17) 2-Methylphenol	8.181	107	31	0.005	ng	# 1
18) Hexachloroethane	8.787	117	45	0.016	ng	# 22
19) n-Nitroso-di-n-propyla...	8.534	70	88	0.016	ng	# 1
20) 3+4-Methylphenols	8.493	107	121	0.015	ng	# 1
22) Acetophenone	8.528	105	683	0.068	ng	# 31
24) Nitrobenzene	9.146	77	256	0.036	ng	99
25) Isophorone	9.404	82	94	0.007	ng	# 75
26) 2-Nitrophenol	9.593	139	23	0.007	ng	# 65
28) bis(2-Chloroethoxy)met...	9.898	93	125	0.014	ng	# 1
29) 2,4-Dichlorophenol	10.122	162	16	0.003	ng	# 1
30) 1,2,4-Trichlorobenzene	10.369	180	31	0.005	ng	# 64
31) Naphthalene	10.534	128	81	0.004	ng	# 72
32) Benzoic acid	9.781	122	71407m	14.148	ng	
33) 4-Chloroaniline	10.669	127	23	0.003	ng	# 1
34) Hexachlorobutadiene	10.804	225	8	0.002	ng	# 1
35) Caprolactam	11.410	113	59	0.027	ng	# 1
36) 4-Chloro-3-methylphenol	11.781	107	52	0.008	ng	# 67
37) 2-Methylnaphthalene	12.140	142	39	0.003	ng	# 28
38) 1-Methylnaphthalene	12.369	142	25	0.002	ng	# 51
40) 1,2,4,5-Tetrachloroben...	12.504	216	5	0.001	ng	# 1
41) Hexachlorocyclopentadiene	12.534	237	11	0.005	ng	93
43) 2,4,6-Trichlorophenol	12.781	196	8	0.002	ng	# 1
44) 2,4,5-Trichlorophenol	12.857	196	22	0.005	ng	# 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.951	154	2868	0.167	ng	#	1
47) 2-Chloronaphthalene	13.192	162	24	0.002	ng	#	47
48) 2-Nitroaniline	13.392	65	68	0.019	ng	#	43
49) Acenaphthylene	14.104	152	71	0.004	ng		99
50) Dimethylphthalate	13.798	163	13015	0.767	ng		98
51) 2,6-Dinitrotoluene	13.928	165	91	0.025	ng	#	32
52) Acenaphthene	14.404	154	109	0.009	ng	#	49
53) 3-Nitroaniline	14.245	138	16	0.004	ng	#	1
54) 2,4-Dinitrophenol	14.675	184	29	0.014	ng		92
55) Dibenzofuran	14.734	168	20	0.001	ng	#	1
56) 4-Nitrophenol	14.586	139	47	0.014	ng		91
57) 2,4-Dinitrotoluene	14.710	165	41	0.008	ng	#	77
58) Fluorene	15.386	166	29	0.002	ng	#	69
59) 2,3,4,6-Tetrachlorophenol	14.934	232	20	0.005	ng	#	1
60) Diethylphthalate	15.175	149	2291	0.131	ng	#	93
61) 4-Chlorophenyl-phenyle...	15.375	204	13	0.002	ng	#	1
62) 4-Nitroaniline	15.622	138	53	0.013	ng		87
63) Azobenzene	15.686	77	255	0.016	ng	#	67
65) 4,6-Dinitro-2-methylph...	15.516	198	7	0.002	ng	#	1
66) n-Nitrosodiphenylamine	15.851	169	14053	1.057	ng	#	50
67) 4-Bromophenyl-phenylether	16.316	248	14	0.003	ng	#	21
68) Hexachlorobenzene	16.445	284	19	0.003	ng	#	28
69) Atrazine	16.575	200	17	0.005	ng		78
70) Pentachlorophenol	16.875	266	33	0.008	ng		94
71) Phenanthrene	17.175	178	356	0.015	ng	#	65
72) Anthracene	17.286	178	166	0.007	ng	#	89
73) Carbazole	17.539	167	44	0.002	ng	#	1
74) Di-n-butylphthalate	18.151	149	7801	0.274	ng		98
75) Fluoranthene	19.286	202	386	0.013	ng	#	19
77) Benzidine	19.469	184	72	0.012	ng	#	1
78) Pyrene	19.657	202	809	0.026	ng	#	78
80) Butylbenzylphthalate	20.598	149	557	0.042	ng	#	90
81) Benzo(a)anthracene	21.598	228	1528	0.050	ng	#	67
82) 3,3'-Dichlorobenzidine	21.463	252	151	0.014	ng	#	21
83) Chrysene	21.639	228	467	0.016	ng	#	59
84) Bis(2-ethylhexyl)phtha...	21.510	149	7352	0.376	ng		93
85) Di-n-octyl phthalate	22.786	149	637	0.020	ng	#	11
87) Indeno(1,2,3-cd)pyrene	28.739	276	27	0.001	ng	#	1
88) Benzo(b)fluoranthene	23.892	252	561	0.018	ng	#	1
89) Benzo(k)fluoranthene	23.962	252	137	0.005	ng	#	1
90) Benzo(a)pyrene	24.792	252	232	0.009	ng	#	1
91) Dibenzo(a,h)anthracene	28.815	278	206	0.007	ng	#	1
92) Benzo(g,h,i)perylene	29.862	276	60	0.002	ng	#	1

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

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