Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024498.D
Acq On : 01 May 2025 18:55
Operator : RC/JU
Sample : Q1906-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-5

Quant Time: May 02 01:52:42 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	7.711	152	199150	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	782786	20.000	ng	#-0.01
39) Acenaphthene-d10	14.346	164	508621	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	1028546	20.000	ng	# 0.00
76) Chrysene-d12	21.604	240	845308	20.000	ng	# 0.01
86) Perylene-d12	24.957	264	897736	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1256819	104.348	ng	0.00
7) Phenol-d6	6.899	99	1467377	88.974	ng	-0.01
23) Nitrobenzene-d5	8.858	82	1082387	78.845	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	1044403	148.415	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	2512470	75.633	ng	-0.01
79) Terphenyl-d14	19.886	244	4376560	104.359	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	163	0.032	ng	# 1
3) Pyridine	3.670	79	162	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.587	42	591	0.132	ng	# 1
6) Aniline	7.075	93	126	0.009	ng	# 1
8) 2-Chlorophenol	7.305	128	135	0.010	ng	95
9) Benzaldehyde	6.852	77	127	0.016	ng	# 25
10) Phenol	6.922	94	905	0.055	ng	# 1
11) bis(2-Chloroethyl)ether	7.146	93	69	0.005	ng	# 46
12) 1,3-Dichlorobenzene	7.605	146	8	0.001	ng	# 43
13) 1,4-Dichlorobenzene	7.746	146	6	0.000	ng	# 1
14) 1,2-Dichlorobenzene	8.069	146	25	0.002	ng	# 1
15) Benzyl Alcohol	7.934	79	198	0.019	ng	# 47
16) 2,2'-oxybis(1-Chloropr...	8.240	45	216	0.015	ng	68
17) 2-Methylphenol	8.152	107	14	0.001	ng	# 1
18) Hexachloroethane	8.775	117	72	0.014	ng	# 17
19) n-Nitroso-di-n-propyla...	8.528	70	131	0.013	ng	# 1
20) 3+4-Methylphenols	8.463	107	74	0.005	ng	# 1
22) Acetophenone	8.528	105	1472	0.076	ng	# 71
24) Nitrobenzene	8.858	77	4076	0.300	ng	# 36
25) Isophorone	9.428	82	62	0.002	ng	# 68
26) 2-Nitrophenol	9.575	139	42	0.006	ng	# 1
27) 2,4-Dimethylphenol	9.869	122	1545	0.185	ng	# 14
28) bis(2-Chloroethoxy)met...	9.910	93	86	0.005	ng	# 1
29) 2,4-Dichlorophenol	10.140	162	30	0.003	ng	# 1
30) 1,2,4-Trichlorobenzene	10.358	180	18	0.001	ng	# 1
31) Naphthalene	10.552	128	477	0.012	ng	# 87
32) Benzoic acid	9.869	122	1545	0.159	ng	# 72
33) 4-Chloroaniline	10.640	127	37	0.003	ng	# 1
34) Hexachlorobutadiene	10.805	225	20	0.003	ng	# 84
35) Caprolactam	11.446	113	47	0.011	ng	# 1
36) 4-Chloro-3-methylphenol	11.775	107	53	0.004	ng	# 60
37) 2-Methylnaphthalene	12.163	142	172	0.006	ng	# 20
38) 1-Methylnaphthalene	12.375	142	147	0.005	ng	# 81
40) 1,2,4,5-Tetrachloroben...	12.522	216	43	0.003	ng	# 1
41) Hexachlorocyclopentadiene	12.457	237	13	0.003	ng	82
43) 2,4,6-Trichlorophenol	12.781	196	35	0.004	ng	# 48

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	12	0.001	ng	#	1
46) 1,1'-Biphenyl	13.169	154	275	0.007	ng	#	71
47) 2-Chloronaphthalene	13.369	162	10	0.000	ng		92
48) 2-Nitroaniline	13.422	65	128	0.016	ng	#	28
49) Acenaphthylene	14.069	152	103	0.002	ng	#	48
50) Dimethylphthalate	13.804	163	1763	0.048	ng	#	92
51) 2,6-Dinitrotoluene	13.934	165	143	0.018	ng	#	73
52) Acenaphthene	14.398	154	301	0.011	ng	#	76
53) 3-Nitroaniline	14.263	138	64	0.008	ng	#	45
54) 2,4-Dinitrophenol	14.463	184	12	0.003	ng	#	1
55) Dibenzofuran	14.757	168	258	0.006	ng	#	19
56) 4-Nitrophenol	14.575	139	85	0.012	ng	#	45
57) 2,4-Dinitrotoluene	14.734	165	413	0.039	ng	#	89
58) Fluorene	15.416	166	223	0.006	ng	#	69
59) 2,3,4,6-Tetrachlorophenol	14.993	232	54	0.006	ng	#	1
60) Diethylphthalate	15.181	149	20073	0.527	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	65	0.004	ng	#	1
62) 4-Nitroaniline	15.416	138	36	0.004	ng	#	1
63) Azobenzene	15.575	77	214	0.006	ng		70
65) 4,6-Dinitro-2-methylph...	15.510	198	5	0.001	ng	#	1
66) n-Nitrosodiphenylamine	15.857	169	26931	0.877	ng	#	48
67) 4-Bromophenyl-phenylether	16.351	248	12	0.001	ng	#	1
68) Hexachlorobenzene	16.657	284	42	0.003	ng		97
69) Atrazine	16.587	200	29	0.004	ng		93
70) Pentachlorophenol	16.840	266	746	0.080	ng	#	69
71) Phenanthrene	17.198	178	2027	0.036	ng	#	86
72) Anthracene	17.292	178	671	0.012	ng	#	70
73) Carbazole	17.722	167	66	0.001	ng		98
74) Di-n-butylphthalate	18.169	149	30030	0.456	ng	#	98
75) Fluoranthene	19.292	202	3976	0.060	ng		93
77) Benzidine	19.486	184	123	0.011	ng	#	1
78) Pyrene	19.669	202	5032	0.094	ng		99
80) Butylbenzylphthalate	20.616	149	986	0.043	ng	#	81
81) Benzo(a)anthracene	21.651	228	9038	0.172	ng		97
82) 3,3'-Dichlorobenzidine	21.486	252	179	0.010	ng	#	31
83) Chrysene	21.651	228	9038	0.180	ng		94
84) Bis(2-ethylhexyl)phtha...	21.516	149	6699	0.199	ng		92
85) Di-n-octyl phthalate	22.786	149	3296	0.060	ng	#	97
87) Indeno(1,2,3-cd)pyrene	28.809	276	1368	0.022	ng	#	77
88) Benzo(b)fluoranthene	23.904	252	8761	0.163	ng	#	79
89) Benzo(k)fluoranthene	23.969	252	6279	0.121	ng	#	71
90) Benzo(a)pyrene	24.804	252	4651	0.100	ng	#	48
91) Dibenzo(a,h)anthracene	28.792	278	102	0.002	ng	#	1
92) Benzo(g,h,i)perylene	29.898	276	113	0.002	ng	#	5

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

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