Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024495.D
Acq On : 01 May 2025 16:53
Operator : RC/JU
Sample : Q1912-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-E

Quant Time: May 01 17:13:44 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	219283	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	843667	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	513937	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	955036	20.000	ng	# 0.00
76) Chrysene-d12	21.592	240	970217	20.000	ng	0.00
86) Perylene-d12	24.951	264	1085171	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1548342	116.749	ng	0.00
7) Phenol-d6	6.905	99	1806941	99.504	ng	0.00
23) Nitrobenzene-d5	8.863	82	1224660	82.771	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	1100316	154.743	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2808829	83.680	ng	0.00
79) Terphenyl-d14	19.875	244	4330400	89.965	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	121	0.022	ng	# 1
3) Pyridine	3.687	79	180	0.012	ng	# 1
4) n-Nitrosodimethylamine	3.564	42	281	0.057	ng	# 1
6) Aniline	7.063	93	167	0.010	ng	# 23
8) 2-Chlorophenol	7.505	128	50	0.003	ng	82
9) Benzaldehyde	6.905	77	3776	0.420	ng	# 5
10) Phenol	6.922	94	1339	0.074	ng	# 1
11) bis(2-Chloroethyl)ether	7.205	93	136	0.009	ng	92
12) 1,3-Dichlorobenzene	7.610	146	58	0.004	ng	# 72
13) 1,4-Dichlorobenzene	7.758	146	21	0.001	ng	# 1
14) 1,2-Dichlorobenzene	8.205	146	33	0.002	ng	93
15) Benzyl Alcohol	7.710	79	6117	0.521	ng	# 29
16) 2,2'-oxybis(1-Chloropr...	8.246	45	101	0.006	ng	81
17) 2-Methylphenol	8.163	107	115	0.010	ng	# 1
18) Hexachloroethane	8.793	117	105	0.018	ng	# 54
19) n-Nitroso-di-n-propyla...	8.540	70	50	0.004	ng	# 1
20) 3+4-Methylphenols	8.481	107	72	0.004	ng	# 1
22) Acetophenone	8.534	105	1870	0.090	ng	# 77
24) Nitrobenzene	8.857	77	4811	0.329	ng	# 35
25) Isophorone	9.434	82	329	0.012	ng	# 67
26) 2-Nitrophenol	9.581	139	20	0.003	ng	# 1
27) 2,4-Dimethylphenol	9.663	122	73	0.008	ng	# 70
28) bis(2-Chloroethoxy)met...	9.887	93	58	0.003	ng	# 1
29) 2,4-Dichlorophenol	10.122	162	20	0.002	ng	# 1
30) 1,2,4-Trichlorobenzene	10.357	180	27	0.002	ng	# 1
31) Naphthalene	10.534	128	2972	0.067	ng	# 94
32) Benzoic acid	9.840	122	1199	0.114	ng	# 77
33) 4-Chloroaniline	10.646	127	46	0.003	ng	# 1
34) Hexachlorobutadiene	10.804	225	25	0.003	ng	# 76
35) Caprolactam	11.399	113	42	0.009	ng	# 1
36) 4-Chloro-3-methylphenol	11.775	107	74	0.005	ng	# 27
37) 2-Methylnaphthalene	12.151	142	776	0.025	ng	# 79
38) 1-Methylnaphthalene	12.375	142	1041	0.035	ng	# 89
40) 1,2,4,5-Tetrachloroben...	12.516	216	57	0.004	ng	# 38
41) Hexachlorocyclopentadiene	12.451	237	11	0.002	ng	90
43) 2,4,6-Trichlorophenol	12.781	196	51	0.005	ng	# 61

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.810	196	22	0.002	ng	#	1
46) 1,1'-Biphenyl	13.169	154	814	0.022	ng		91
47) 2-Chloronaphthalene	13.216	162	171	0.006	ng	#	49
48) 2-Nitroaniline	13.404	65	98	0.012	ng	#	9
49) Acenaphthylene	14.063	152	551	0.012	ng	#	41
50) Dimethylphthalate	13.804	163	3171	0.085	ng	#	74
51) 2,6-Dinitrotoluene	13.910	165	178	0.022	ng	#	75
52) Acenaphthene	14.410	154	1164	0.041	ng	#	69
53) 3-Nitroaniline	14.257	138	29	0.003	ng	#	83
54) 2,4-Dinitrophenol	14.440	184	30	0.006	ng	#	1
55) Dibenzofuran	14.757	168	1241	0.027	ng		90
56) 4-Nitrophenol	14.575	139	17	0.002	ng	#	1
57) 2,4-Dinitrotoluene	14.692	165	158	0.015	ng	#	31
58) Fluorene	15.410	166	1548	0.043	ng	#	94
59) 2,3,4,6-Tetrachlorophenol	14.981	232	232	0.024	ng	#	54
60) Diethylphthalate	15.187	149	37888	0.984	ng		99
61) 4-Chlorophenyl-phenyle...	15.404	204	331	0.019	ng	#	48
62) 4-Nitroaniline	15.563	138	59	0.007	ng		83
63) Azobenzene	15.516	77	187	0.005	ng		71
65) 4,6-Dinitro-2-methylph...	15.492	198	72	0.012	ng	#	1
66) n-Nitrosodiphenylamine	15.857	169	28220	0.990	ng	#	48
67) 4-Bromophenyl-phenylether	16.310	248	263	0.025	ng	#	56
68) Hexachlorobenzene	16.539	284	35	0.003	ng		93
69) Atrazine	16.616	200	104	0.014	ng	#	1
70) Pentachlorophenol	16.822	266	1254	0.145	ng	#	78
71) Phenanthrene	17.192	178	5556	0.107	ng		99
72) Anthracene	17.192	178	5556	0.111	ng		98
73) Carbazole	17.581	167	3801	0.077	ng	#	86
74) Di-n-butylphthalate	18.157	149	58115	0.951	ng	#	98
75) Fluoranthene	19.280	202	6412	0.103	ng		93
77) Benzidine	19.486	184	50	0.004	ng	#	1
78) Pyrene	19.657	202	7731	0.125	ng	#	96
80) Butylbenzylphthalate	20.604	149	1698	0.064	ng	#	90
81) Benzo(a)anthracene	21.580	228	11770	0.195	ng	#	96
82) 3,3'-Dichlorobenzidine	21.498	252	203	0.010	ng	#	61
83) Chrysene	21.645	228	11119	0.192	ng		95
84) Bis(2-ethylhexyl)phtha...	21.510	149	10281	0.266	ng	#	97
85) Di-n-octyl phthalate	22.786	149	4495	0.071	ng	#	82
87) Indeno(1,2,3-cd)pyrene	28.792	276	3916	0.052	ng	#	68
88) Benzo(b)fluoranthene	23.886	252	10851	0.167	ng	#	72
89) Benzo(k)fluoranthene	23.957	252	10055	0.160	ng	#	83
90) Benzo(a)pyrene	24.792	252	6254	0.111	ng	#	53
91) Dibenzo(a,h)anthracene	28.803	278	170	0.003	ng	#	1
92) Benzo(g,h,i)perylene	29.909	276	371	0.006	ng	#	72

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

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