Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024490.D
Acq On : 01 May 2025 13:25
Operator : RC/JU
Sample : Q1913-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-12-A-202504

Quant Time: May 01 13:46:31 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	147765	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	578416	20.000	ng	#-0.02
39) Acenaphthene-d10	14.339	164	346607	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	702177	20.000	ng	0.01
76) Chrysene-d12	21.598	240	848293	20.000	ng	0.00
86) Perylene-d12	24.951	264	1030918	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	909285	101.747	ng	-0.01
7) Phenol-d6	6.899	99	954169	77.975	ng	-0.01
23) Nitrobenzene-d5	8.857	82	820410	80.877	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	739233	154.152	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1887632	83.385	ng	-0.01
79) Terphenyl-d14	19.886	244	3589445	85.289	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	50	0.013	ng	# 27
3) Pyridine	3.699	79	3707	0.371	ng	# 71
4) n-Nitrosodimethylamine	3.587	42	171	0.052	ng	# 1
6) Aniline	7.057	93	749	0.068	ng	# 70
8) 2-Chlorophenol	7.293	128	2260	0.227	ng	87
9) Benzaldehyde	6.863	77	3600	0.595	ng	98
10) Phenol	6.928	94	2861	0.233	ng	# 21
11) bis(2-Chloroethyl)ether	7.157	93	98	0.010	ng	# 59
12) 1,3-Dichlorobenzene	7.634	146	56	0.005	ng	# 1
13) 1,4-Dichlorobenzene	7.746	146	595	0.055	ng	# 86
14) 1,2-Dichlorobenzene	8.063	146	41	0.004	ng	# 80
15) Benzyl Alcohol	7.957	79	11976	1.513	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.246	45	52	0.005	ng	# 1
17) 2-Methylphenol	7.957	107	6412	0.807	ng	# 26
18) Hexachloroethane	8.763	117	127	0.032	ng	# 28
19) n-Nitroso-di-n-propyla...	8.498	70	266	0.035	ng	# 6
20) 3+4-Methylphenols	8.487	107	553	0.050	ng	# 44
22) Acetophenone	8.528	105	2313	0.162	ng	# 75
24) Nitrobenzene	8.851	77	3049	0.304	ng	# 35
25) Isophorone	9.422	82	972	0.053	ng	# 70
26) 2-Nitrophenol	9.581	139	21	0.004	ng	# 1
27) 2,4-Dimethylphenol	9.781	122	8125	1.318	ng	# 6
28) bis(2-Chloroethoxy)met...	9.916	93	178	0.014	ng	# 61
29) 2,4-Dichlorophenol	10.175	162	79	0.009	ng	# 1
30) 1,2,4-Trichlorobenzene	10.351	180	275	0.031	ng	# 62
31) Naphthalene	10.534	128	1290	0.042	ng	# 82
32) Benzoic acid	9.781	122	8125	1.131	ng	95
33) 4-Chloroaniline	10.640	127	110	0.010	ng	# 69
34) Hexachlorobutadiene	10.810	225	17	0.003	ng	90
35) Caprolactam	11.398	113	47	0.015	ng	# 1
36) 4-Chloro-3-methylphenol	11.804	107	1898	0.194	ng	# 89
37) 2-Methylnaphthalene	12.145	142	375	0.018	ng	# 68
38) 1-Methylnaphthalene	12.375	142	375	0.018	ng	# 97
40) 1,2,4,5-Tetrachloroben...	12.510	216	36	0.004	ng	# 1
41) Hexachlorocyclopentadiene	12.475	237	21	0.006	ng	87
43) 2,4,6-Trichlorophenol	12.663	196	4	0.001	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	13	0.002	ng	#	1
46) 1,1'-Biphenyl	13.163	154	340	0.013	ng	#	60
47) 2-Chloronaphthalene	13.186	162	31	0.002	ng	#	8
48) 2-Nitroaniline	13.398	65	102	0.019	ng	#	39
49) Acenaphthylene	14.057	152	457	0.015	ng	#	57
50) Dimethylphthalate	13.786	163	6006	0.238	ng	#	96
51) 2,6-Dinitrotoluene	13.875	165	922	0.172	ng		94
52) Acenaphthene	14.404	154	1144	0.060	ng	#	73
53) 3-Nitroaniline	14.228	138	645	0.115	ng	#	32
54) 2,4-Dinitrophenol	14.457	184	11	0.003	ng	#	1
55) Dibenzofuran	14.757	168	431	0.014	ng	#	29
56) 4-Nitrophenol	14.586	139	68	0.014	ng	#	1
57) 2,4-Dinitrotoluene	14.722	165	588	0.081	ng	#	70
58) Fluorene	15.416	166	678	0.028	ng	#	75
59) 2,3,4,6-Tetrachlorophenol	14.998	232	45	0.007	ng	#	1
60) Diethylphthalate	15.186	149	1522688	58.621	ng		100
61) 4-Chlorophenyl-phenyle...	15.410	204	52	0.004	ng	#	1
62) 4-Nitroaniline	15.410	138	200	0.034	ng	#	4
63) Azobenzene	15.739	77	2375	0.099	ng	#	19
65) 4,6-Dinitro-2-methylph...	15.522	198	25	0.006	ng	#	1
66) n-Nitrosodiphenylamine	15.869	169	19613	0.936	ng	#	48
67) 4-Bromophenyl-phenylether	16.304	248	44	0.006	ng	#	1
68) Hexachlorobenzene	16.451	284	32	0.004	ng	#	1
69) Atrazine	16.557	200	96	0.018	ng		75
70) Pentachlorophenol	16.822	266	822	0.129	ng	#	71
71) Phenanthrene	17.204	178	2486	0.065	ng	#	74
72) Anthracene	17.298	178	549	0.015	ng	#	7
73) Carbazole	17.598	167	455	0.013	ng	#	84
74) Di-n-butylphthalate	18.174	149	375333	8.352	ng		100
75) Fluoranthene	19.292	202	1335	0.029	ng		69
77) Benzidine	19.480	184	82	0.008	ng	#	1
78) Pyrene	19.668	202	2232	0.041	ng		96
80) Butylbenzylphthalate	20.615	149	4718	0.204	ng	#	64
81) Benzo(a)anthracene	21.598	228	2436	0.046	ng	#	69
82) 3,3'-Dichlorobenzidine	21.504	252	257	0.014	ng	#	56
83) Chrysene	21.633	228	369	0.007	ng	#	79
84) Bis(2-ethylhexyl)phtha...	21.515	149	56001	1.654	ng		97
85) Di-n-octyl phthalate	22.804	149	569	0.010	ng	#	1
87) Indeno(1,2,3-cd)pyrene	28.780	276	84	0.001	ng	#	42
88) Benzo(b)fluoranthene	23.909	252	532	0.009	ng	#	1
89) Benzo(k)fluoranthene	23.986	252	344	0.006	ng	#	1
90) Benzo(a)pyrene	24.768	252	169	0.003	ng	#	1
91) Dibenzo(a,h)anthracene	28.833	278	189	0.003	ng	#	1
92) Benzo(g,h,i)perylene	29.909	276	89	0.001	ng	#	1

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

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