Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024499.D
Acq On : 01 May 2025 19:36
Operator : RC/JU
Sample : Q1913-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-13-S-202504

Quant Time: May 02 01:52:59 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	207548	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	829684	20.000	ng	#-0.01
39) Acenaphthene-d10	14.345	164	528997	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1075365	20.000	ng	# 0.00
76) Chrysene-d12	21.598	240	861399	20.000	ng	0.00
86) Perylene-d12	24.951	264	995064	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1445577	115.164	ng	0.00
7) Phenol-d6	6.904	99	1654498	96.260	ng	0.00
23) Nitrobenzene-d5	8.857	82	1241694	85.337	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	1217306	166.322	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2958026	85.616	ng	0.00
79) Terphenyl-d14	19.880	244	4761927	111.427	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	429	0.081	ng	# 1
3) Pyridine	3.693	79	161	0.011	ng	# 1
4) n-Nitrosodimethylamine	3.575	42	322	0.069	ng	# 1
6) Aniline	7.046	93	90	0.006	ng	# 1
8) 2-Chlorophenol	7.199	128	102	0.007	ng	78
9) Benzaldehyde	6.904	77	3450	0.406	ng	# 8
10) Phenol	6.922	94	1085	0.063	ng	# 1
11) bis(2-Chloroethyl)ether	7.140	93	56	0.004	ng	# 39
12) 1,3-Dichlorobenzene	7.599	146	11	0.001	ng	# 1
13) 1,4-Dichlorobenzene	7.740	146	31	0.002	ng	# 1
14) 1,2-Dichlorobenzene	8.046	146	37	0.003	ng	# 13
15) Benzyl Alcohol	7.816	79	322	0.029	ng	# 23
16) 2,2'-oxybis(1-Chloropr...	8.275	45	430	0.029	ng	69
17) 2-Methylphenol	8.151	107	82	0.007	ng	# 1
18) Hexachloroethane	8.810	117	7819	1.413	ng	# 1
19) n-Nitroso-di-n-propyla...	8.498	70	13	0.001	ng	# 1
20) 3+4-Methylphenols	8.487	107	139	0.009	ng	# 1
22) Acetophenone	8.504	105	1173	0.057	ng	# 76
24) Nitrobenzene	8.863	77	5620	0.390	ng	# 30
25) Isophorone	9.398	82	332	0.013	ng	# 66
26) 2-Nitrophenol	9.616	139	32	0.005	ng	# 1
27) 2,4-Dimethylphenol	9.569	122	56	0.006	ng	85
28) bis(2-Chloroethoxy)met...	9.893	93	659	0.037	ng	# 7
29) 2,4-Dichlorophenol	10.140	162	28	0.002	ng	# 27
30) 1,2,4-Trichlorobenzene	10.351	180	29	0.002	ng	# 1
31) Naphthalene	10.534	128	2507	0.057	ng	# 52
32) Benzoic acid	9.798	122	46	0.004	ng	# 1
33) 4-Chloroaniline	10.698	127	121	0.008	ng	# 1
34) Hexachlorobutadiene	10.810	225	22	0.003	ng	# 87
35) Caprolactam	11.445	113	79	0.018	ng	# 14
36) 4-Chloro-3-methylphenol	11.787	107	112	0.008	ng	# 53
38) 1-Methylnaphthalene	12.369	142	159747	5.387	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.516	216	20	0.001	ng	# 26
41) Hexachlorocyclopentadiene	12.487	237	12	0.002	ng	78
43) 2,4,6-Trichlorophenol	12.757	196	9	0.001	ng	# 65
44) 2,4,5-Trichlorophenol	12.839	196	16	0.001	ng	# 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.163	154	250	0.006	ng		86
47) 2-Chloronaphthalene	13.169	162	524	0.018	ng	#	53
48) 2-Nitroaniline	13.375	65	566	0.069	ng	#	18
49) Acenaphthylene	14.063	152	3673	0.080	ng	#	1
50) Dimethylphthalate	13.798	163	3223	0.084	ng	#	96
51) 2,6-Dinitrotoluene	13.934	165	94	0.012	ng	#	1
52) Acenaphthene	14.404	154	9240	0.319	ng		93
53) 3-Nitroaniline	14.251	138	157	0.018	ng	#	57
54) 2,4-Dinitrophenol	14.457	184	39	0.008	ng	#	1
55) Dibenzofuran	14.751	168	14842	0.313	ng	#	68
56) 4-Nitrophenol	14.439	139	604	0.081	ng		80
57) 2,4-Dinitrotoluene	14.704	165	282	0.025	ng	#	68
58) Fluorene	15.410	166	27063	0.737	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.986	232	92	0.009	ng	#	1
60) Diethylphthalate	15.181	149	15568	0.393	ng	#	92
61) 4-Chlorophenyl-phenyle...	15.404	204	35	0.002	ng	#	1
62) 4-Nitroaniline	15.516	138	106	0.012	ng		96
63) Azobenzene	15.639	77	431	0.012	ng		75
65) 4,6-Dinitro-2-methylph...	15.498	198	38	0.006	ng	#	1
66) n-Nitrosodiphenylamine	15.622	169	2651	0.083	ng	#	39
67) 4-Bromophenyl-phenylether	16.339	248	12	0.001	ng	#	1
68) Hexachlorobenzene	16.439	284	62	0.004	ng	#	1
69) Atrazine	16.586	200	71	0.009	ng	#	1
70) Pentachlorophenol	16.827	266	361	0.037	ng	#	81
71) Phenanthrene	17.192	178	47647	0.812	ng		99
72) Anthracene	17.286	178	3090	0.055	ng		96
73) Carbazole	17.580	167	1412	0.026	ng	#	75
74) Di-n-butylphthalate	18.163	149	23682	0.344	ng		100
75) Fluoranthene	19.280	202	4511	0.065	ng		90
77) Benzidine	19.480	184	109	0.010	ng	#	1
78) Pyrene	19.663	202	7637	0.140	ng		97
80) Butylbenzylphthalate	20.604	149	531	0.023	ng	#	86
81) Benzo(a)anthracene	21.574	228	9787	0.183	ng		93
82) 3,3'-Dichlorobenzidine	21.486	252	398	0.021	ng	#	81
83) Chrysene	21.651	228	9029	0.176	ng		97
84) Bis(2-ethylhexyl)phtha...	21.515	149	5585	0.162	ng	#	95
85) Di-n-octyl phthalate	22.792	149	3033	0.054	ng	#	81
87) Indeno(1,2,3-cd)pyrene	28.750	276	304	0.004	ng	#	87
88) Benzo(b)fluoranthene	23.892	252	8328	0.140	ng	#	76
89) Benzo(k)fluoranthene	23.968	252	7727	0.134	ng	#	89
90) Benzo(a)pyrene	24.786	252	3108	0.060	ng	#	50
91) Dibenzo(a,h)anthracene	28.803	278	73	0.001	ng	#	1
92) Benzo(g,h,i)perylene	29.968	276	1903	0.033	ng	#	75

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

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