Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050125\
Data File : BP024487.D
Acq On : 01 May 2025 11:18
Operator : RC/JU
Sample : PB167805TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167805TB

Quant Time: May 01 12:19:49 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	147117	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	562398	20.000	ng	-0.02
39) Acenaphthene-d10	14.345	164	333420	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	681369	20.000	ng	# 0.00
76) Chrysene-d12	21.616	240	822212	20.000	ng	# 0.02
86) Perylene-d12	24.962	264	999851	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1139643	128.085	ng	-0.01
7) Phenol-d6	6.899	99	1373141	112.707	ng	-0.01
23) Nitrobenzene-d5	8.857	82	850526	86.234	ng	-0.01
42) 2,4,6-Tribromophenol	15.857	330	713330	154.633	ng	0.00
45) 2-Fluorobiphenyl	12.945	172	1956388	89.840	ng	-0.02
79) Terphenyl-d14	19.886	244	3507849	85.994	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	126	0.033	ng	# 1
3) Pyridine	3.693	79	316	0.032	ng	# 18
4) n-Nitrosodimethylamine	3.628	42	138	0.042	ng	# 1
6) Aniline	7.063	93	289	0.027	ng	# 59
8) 2-Chlorophenol	7.287	128	40	0.004	ng	80
9) Benzaldehyde	6.846	77	117	0.019	ng	# 26
10) Phenol	6.899	94	489	0.040	ng	# 1
11) bis(2-Chloroethyl)ether	7.275	93	80	0.008	ng	91
12) 1,3-Dichlorobenzene	7.604	146	53	0.005	ng	# 53
13) 1,4-Dichlorobenzene	7.604	146	53	0.005	ng	94
14) 1,2-Dichlorobenzene	8.075	146	15	0.001	ng	95
15) Benzyl Alcohol	8.057	79	169	0.021	ng	# 43
16) 2,2'-oxybis(1-Chloropr...	8.246	45	64	0.006	ng	# 1
17) 2-Methylphenol	8.134	107	50	0.006	ng	# 1
18) Hexachloroethane	8.763	117	186	0.047	ng	# 35
19) n-Nitroso-di-n-propyla...	8.504	70	107	0.014	ng	# 1
20) 3+4-Methylphenols	8.469	107	62	0.006	ng	# 1
22) Acetophenone	8.516	105	38	0.003	ng	# 25
24) Nitrobenzene	8.857	77	3151	0.323	ng	# 34
25) Isophorone	9.428	82	120	0.007	ng	# 60
26) 2-Nitrophenol	9.599	139	61	0.013	ng	# 14
27) 2,4-Dimethylphenol	9.657	122	8	0.001	ng	# 79
28) bis(2-Chloroethoxy)met...	9.993	93	71	0.006	ng	92
29) 2,4-Dichlorophenol	10.157	162	19	0.002	ng	# 1
30) 1,2,4-Trichlorobenzene	10.357	180	106	0.012	ng	# 39
31) Naphthalene	10.551	128	70	0.002	ng	# 50
32) Benzoic acid	9.810	122	62	0.009	ng	# 1
33) 4-Chloroaniline	10.646	127	38	0.004	ng	# 1
34) Hexachlorobutadiene	10.916	225	16	0.003	ng	89
35) Caprolactam	11.416	113	31	0.010	ng	# 1
36) 4-Chloro-3-methylphenol	11.787	107	26	0.003	ng	# 30
37) 2-Methylnaphthalene	12.128	142	56	0.003	ng	# 10
38) 1-Methylnaphthalene	12.345	142	30	0.001	ng	# 55
40) 1,2,4,5-Tetrachloroben...	12.545	216	46	0.005	ng	# 40
41) Hexachlorocyclopentadiene	12.434	237	22	0.007	ng	93
43) 2,4,6-Trichlorophenol	12.775	196	8	0.001	ng	# 27

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	28	0.004	ng	#	36
46) 1,1'-Biphenyl	13.169	154	124	0.005	ng		75
47) 2-Chloronaphthalene	13.022	162	8	0.000	ng		92
48) 2-Nitroaniline	13.422	65	73	0.014	ng	#	24
49) Acenaphthylene	14.016	152	73	0.003	ng		94
50) Dimethylphthalate	13.816	163	217	0.009	ng	#	86
51) 2,6-Dinitrotoluene	13.945	165	130	0.025	ng		91
52) Acenaphthene	14.410	154	369	0.020	ng		98
53) 3-Nitroaniline	14.251	138	20	0.004	ng	#	40
54) 2,4-Dinitrophenol	14.469	184	19	0.006	ng	#	1
55) Dibenzofuran	14.763	168	185	0.006	ng	#	76
56) 4-Nitrophenol	14.581	139	37	0.008	ng	#	1
57) 2,4-Dinitrotoluene	14.716	165	69	0.010	ng	#	20
58) Fluorene	15.416	166	73	0.003	ng	#	74
59) 2,3,4,6-Tetrachlorophenol	15.004	232	40	0.006	ng	#	38
60) Diethylphthalate	15.192	149	459	0.018	ng	#	80
61) 4-Chlorophenyl-phenyle...	15.404	204	24	0.002	ng	#	68
62) 4-Nitroaniline	15.557	138	21	0.004	ng		88
63) Azobenzene	15.645	77	126	0.005	ng	#	55
65) 4,6-Dinitro-2-methylph...	15.486	198	12	0.003	ng	#	1
66) n-Nitrosodiphenylamine	15.857	169	18397	0.905	ng	#	48
67) 4-Bromophenyl-phenylether	16.316	248	17	0.002	ng	#	30
68) Hexachlorobenzene	16.439	284	65	0.007	ng	#	86
69) Atrazine	16.563	200	18	0.003	ng		78
70) Pentachlorophenol	16.998	266	25	0.004	ng		91
71) Phenanthrene	17.198	178	408	0.011	ng	#	60
72) Anthracene	17.298	178	329	0.009	ng	#	80
73) Carbazole	17.604	167	758	0.022	ng	#	85
74) Di-n-butylphthalate	18.175	149	2472	0.057	ng	#	94
75) Fluoranthene	19.304	202	1512	0.034	ng		84
77) Benzidine	19.492	184	193	0.019	ng	#	8
78) Pyrene	19.674	202	2582	0.049	ng	#	92
80) Butylbenzylphthalate	20.627	149	931	0.042	ng	#	77
81) Benzo(a)anthracene	21.604	228	4845	0.095	ng	#	88
82) 3,3'-Dichlorobenzidine	21.504	252	184	0.010	ng	#	68
83) Chrysene	21.663	228	4711	0.096	ng	#	93
84) Bis(2-ethylhexyl)phtha...	21.527	149	2830	0.086	ng	#	84
85) Di-n-octyl phthalate	22.798	149	1167	0.022	ng	#	1
87) Indeno(1,2,3-cd)pyrene	28.756	276	144	0.002	ng	#	1
88) Benzo(b)fluoranthene	23.904	252	2469	0.041	ng	#	1
89) Benzo(k)fluoranthene	23.974	252	2647	0.046	ng	#	21
90) Benzo(a)pyrene	24.821	252	1829	0.035	ng	#	1
91) Dibenzo(a,h)anthracene	28.839	278	161	0.003	ng	#	1
92) Benzo(g,h,i)perylene	29.921	276	36	0.001	ng	#	12

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

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