Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP043025\
Data File : BP024470.D
Acq On : 30 Apr 2025 12:40
Operator : RC/JU
Sample : PB167773BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167773BL

Quant Time: Apr 30 13:05:28 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	166707	20.000	ng	-0.01
21) Naphthalene-d8	10.487	136	639440	20.000	ng	-0.01
39) Acenaphthene-d10	14.345	164	381220	20.000	ng	0.00
64) Phenanthrene-d10	17.151	188	790885	20.000	ng	0.00
76) Chrysene-d12	21.598	240	925561	20.000	ng	0.00
86) Perylene-d12	24.933	264	1045749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1348842	133.783	ng	0.00
7) Phenol-d6	6.899	99	1624141	117.644	ng	-0.01
23) Nitrobenzene-d5	8.857	82	1002085	89.360	ng	-0.01
42) 2,4,6-Tribromophenol	15.869	330	839863	159.234	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	2266257	91.021	ng	0.00
79) Terphenyl-d14	19.875	244	4115112	89.617	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	328	0.077	ng	# 1
3) Pyridine	3.687	79	86	0.008	ng	# 1
4) n-Nitrosodimethylamine	3.593	42	114	0.031	ng	# 1
6) Aniline	7.058	93	382	0.031	ng	# 59
8) 2-Chlorophenol	7.193	128	96	0.009	ng	83
9) Benzaldehyde	6.852	77	247	0.036	ng	# 28
10) Phenol	7.134	94	34	0.002	ng	86
11) bis(2-Chloroethyl)ether	6.969	93	80	0.007	ng	84
12) 1,3-Dichlorobenzene	7.593	146	110	0.009	ng	# 29
13) 1,4-Dichlorobenzene	7.934	146	13	0.001	ng	91
14) 1,2-Dichlorobenzene	7.934	146	13	0.001	ng	90
15) Benzyl Alcohol	7.905	79	158	0.018	ng	# 10
16) 2,2'-oxybis(1-Chloropr...	8.240	45	58	0.005	ng	# 1
17) 2-Methylphenol	8.152	107	32	0.004	ng	# 1
18) Hexachloroethane	8.787	117	64	0.014	ng	# 64
19) n-Nitroso-di-n-propyla...	8.510	70	49	0.006	ng	# 1
20) 3+4-Methylphenols	8.475	107	35	0.003	ng	# 1
22) Acetophenone	8.534	105	117	0.007	ng	# 24
24) Nitrobenzene	8.857	77	3229	0.291	ng	# 30
25) Isophorone	9.416	82	164	0.008	ng	# 83
26) 2-Nitrophenol	9.599	139	24	0.004	ng	# 1
27) 2,4-Dimethylphenol	9.663	122	13	0.002	ng	# 67
28) bis(2-Chloroethoxy)met...	9.881	93	47	0.003	ng	# 84
29) 2,4-Dichlorophenol	10.134	162	12	0.001	ng	# 38
30) 1,2,4-Trichlorobenzene	10.446	180	14	0.001	ng	96
31) Naphthalene	10.534	128	416	0.012	ng	# 90
32) Benzoic acid	9.799	122	10	0.001	ng	# 1
33) 4-Chloroaniline	10.640	127	17	0.001	ng	# 27
34) Hexachlorobutadiene	10.822	225	35	0.006	ng	# 75
35) Caprolactam	11.434	113	23	0.007	ng	# 1
36) 4-Chloro-3-methylphenol	11.769	107	68	0.006	ng	# 57
37) 2-Methylnaphthalene	12.169	142	194	0.008	ng	# 64
38) 1-Methylnaphthalene	12.381	142	242	0.011	ng	# 71
40) 1,2,4,5-Tetrachloroben...	12.516	216	37	0.004	ng	# 38
41) Hexachlorocyclopentadiene	12.522	237	13	0.004	ng	89
43) 2,4,6-Trichlorophenol	12.775	196	13	0.002	ng	# 67

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	9	0.001	ng	#	59
46) 1,1'-Biphenyl	13.169	154	345	0.012	ng	#	70
47) 2-Chloronaphthalene	13.210	162	258	0.012	ng	#	70
48) 2-Nitroaniline	13.428	65	20	0.003	ng	#	31
49) Acenaphthylene	14.063	152	443	0.013	ng		96
50) Dimethylphthalate	13.816	163	476	0.017	ng	#	93
51) 2,6-Dinitrotoluene	13.916	165	11	0.002	ng		98
52) Acenaphthene	14.404	154	278	0.013	ng	#	56
53) 3-Nitroaniline	14.240	138	25	0.004	ng	#	79
54) 2,4-Dinitrophenol	14.445	184	19	0.005	ng	#	29
55) Dibenzofuran	14.769	168	444	0.013	ng	#	77
56) 4-Nitrophenol	14.704	139	8	0.001	ng		91
57) 2,4-Dinitrotoluene	14.698	165	39	0.005	ng	#	43
58) Fluorene	15.422	166	320	0.012	ng		91
59) 2,3,4,6-Tetrachlorophenol	14.969	232	33	0.005	ng	#	61
60) Diethylphthalate	15.192	149	678	0.024	ng	#	77
61) 4-Chlorophenyl-phenyle...	15.410	204	159	0.012	ng	#	91
62) 4-Nitroaniline	15.345	138	14	0.002	ng		92
63) Azobenzene	15.481	77	259	0.010	ng		79
65) 4,6-Dinitro-2-methylph...	15.510	198	3	0.001	ng	#	1
66) n-Nitrosodiphenylamine	15.869	169	22345	0.947	ng	#	46
67) 4-Bromophenyl-phenylether	16.345	248	130	0.015	ng	#	24
68) Hexachlorobenzene	16.445	284	122	0.012	ng	#	56
69) Atrazine	16.639	200	110	0.018	ng		76
70) Pentachlorophenol	16.828	266	801	0.112	ng	#	58
71) Phenanthrene	17.310	178	631	0.015	ng		97
72) Anthracene	17.310	178	637	0.015	ng		98
73) Carbazole	17.557	167	48	0.001	ng	#	1
74) Di-n-butylphthalate	18.175	149	2106	0.042	ng	#	95
75) Fluoranthene	19.292	202	1214	0.024	ng		73
77) Benzidine	19.480	184	248	0.021	ng	#	40
78) Pyrene	19.669	202	4683	0.080	ng		96
80) Butylbenzylphthalate	20.604	149	401	0.016	ng	#	53
81) Benzo(a)anthracene	21.598	228	4236	0.074	ng	#	75
82) 3,3'-Dichlorobenzidine	21.522	252	474	0.023	ng	#	54
83) Chrysene	21.639	228	2666	0.048	ng	#	90
84) Bis(2-ethylhexyl)phtha...	21.522	149	2126	0.058	ng	#	85
85) Di-n-octyl phthalate	22.780	149	1591	0.026	ng	#	52
87) Indeno(1,2,3-cd)pyrene	28.709	276	23	0.000	ng	#	1
88) Benzo(b)fluoranthene	23.886	252	1793	0.029	ng	#	45
89) Benzo(k)fluoranthene	23.951	252	964	0.016	ng	#	47
90) Benzo(a)pyrene	24.792	252	1580	0.029	ng	#	1
91) Dibenzo(a,h)anthracene	28.786	278	44	0.001	ng	#	1
92) Benzo(g,h,i)perylene	29.921	276	168	0.003	ng	#	1

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

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